

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025162.D
 Acq On : 27 Apr 2023 00:38
 Operator : CG/JU
 Sample : PB152353BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS353

Quant Time: Apr 27 01:51:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

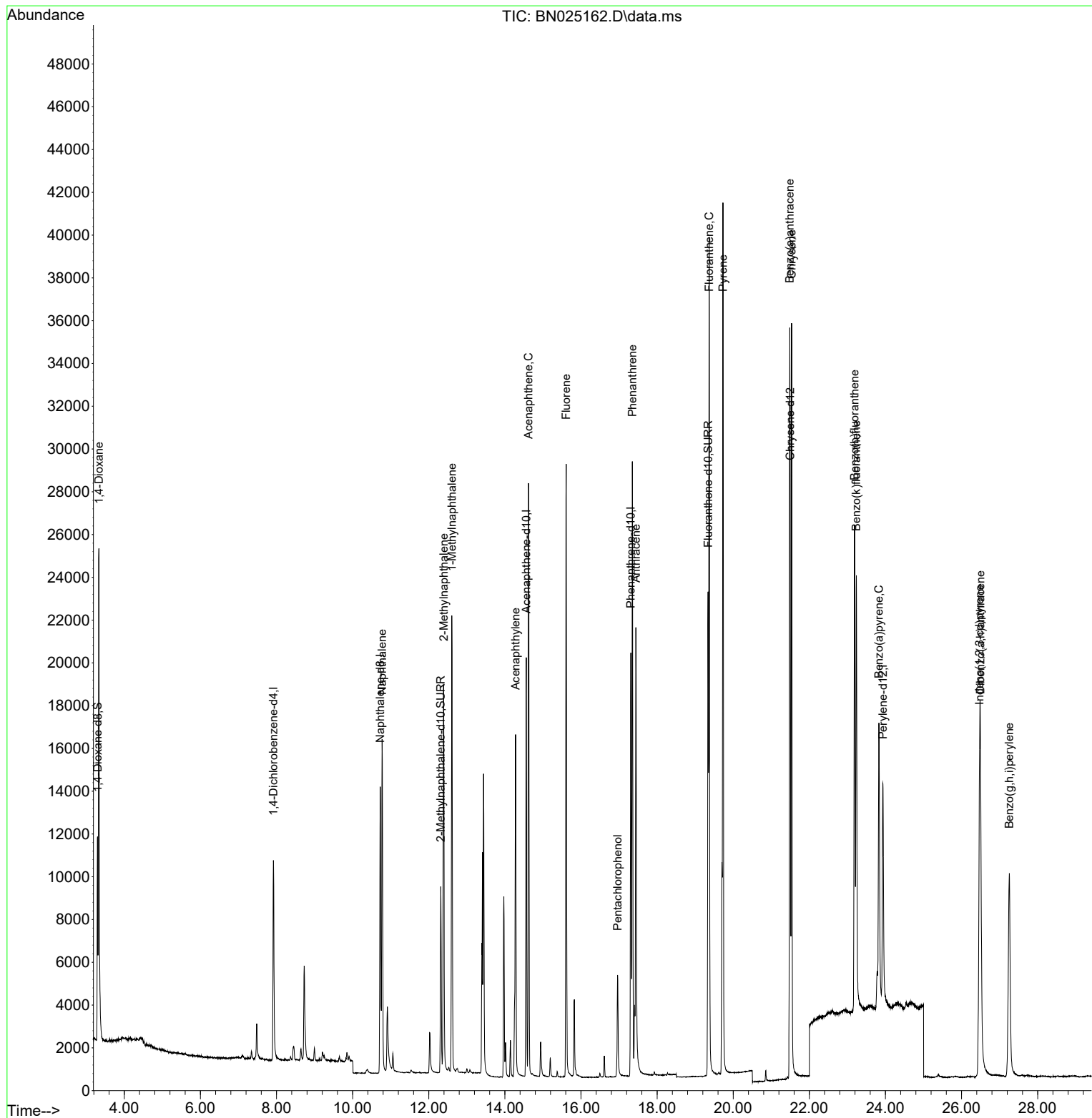
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	5690	0.400	ng/ul	0.00
4) Naphthalene-d8	10.725	136	18207	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	10718	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	23477	0.400	ng/ul	0.00
17) Chrysene-d12	21.499	240	18222	0.400	ng/ul	-0.01
23) Perylene-d12	23.934	264	14578	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5651	0.959	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.314	152	11493	0.492	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	24926	0.519	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	14358	2.263	ng/ul	89
5) Naphthalene	10.774	128	22107	0.474	ng/ul	100
7) 2-Methylnaphthalene	12.391	142	13893	0.486	ng/ul	100
8) 1-Methylnaphthalene	12.606	142	14803	0.486	ng/ul	100
10) Acenaphthylene	14.283	152	18634	0.467	ng/ul	100
11) Acenaphthene	14.621	153	16303	0.484	ng/ul	100
12) Fluorene	15.611	166	18569	0.494	ng/ul	99
14) Pentachlorophenol	16.962	266	3451	0.749	ng/ul	99
15) Phenanthrene	17.351	178	30443	0.459	ng/ul	100
16) Anthracene	17.443	178	25220	0.465	ng/ul	99
19) Fluoranthene	19.367	202	33553	0.509	ng/ul	99
20) Pyrene	19.730	202	34422	0.508	ng/ul	100
21) Benzo(a)anthracene	21.484	228	27294	0.497	ng/ul	100
22) Chrysene	21.534	228	31029	0.518	ng/ul	99
24) Benzo(b)fluoranthene	23.188	252	28739	0.486	ng/ul	98
25) Benzo(k)fluoranthene	23.235	252	28328	0.498	ng/ul	98
26) Benzo(a)pyrene	23.828	252	22342	0.457	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.473	276	26614	0.472	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.496	278	21277	0.483	ng/ul	98
29) Benzo(g,h,i)perylene	27.254	276	22904	0.478	ng/ul	100

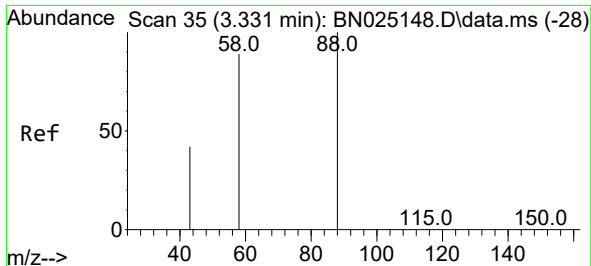
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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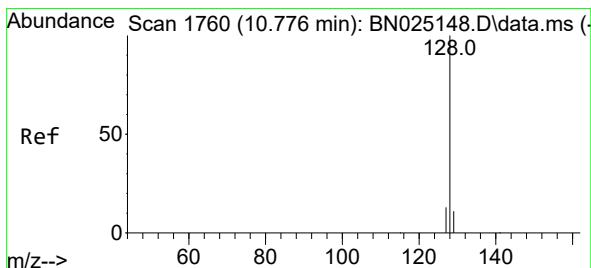
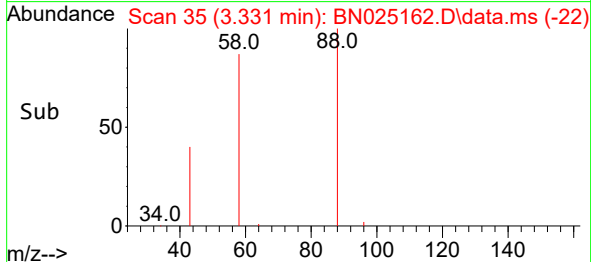
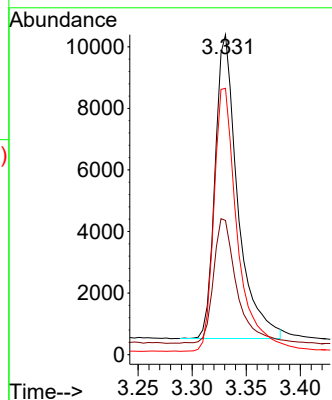
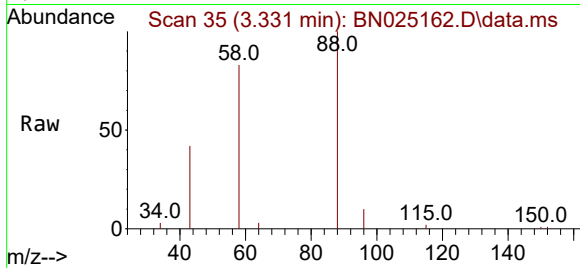




#2
1,4-Dioxane
Concen: 2.263 ng/ul
RT: 3.331 min Scan# 35
Delta R.T. 0.004 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

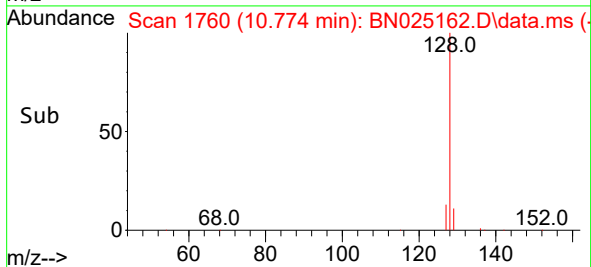
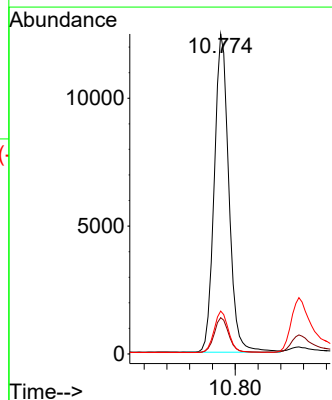
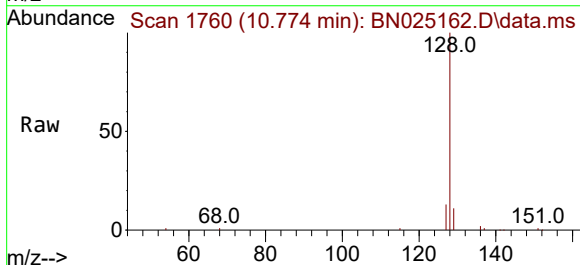
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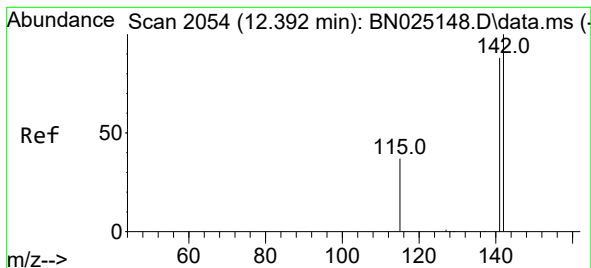
Tgt Ion: 88 Resp: 14358
Ion Ratio Lower Upper
88 100
43 41.9 37.0 55.4
58 83.2 56.9 85.3



#5
Naphthalene
Concen: 0.474 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Tgt Ion: 128 Resp: 22107
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.7 16.1

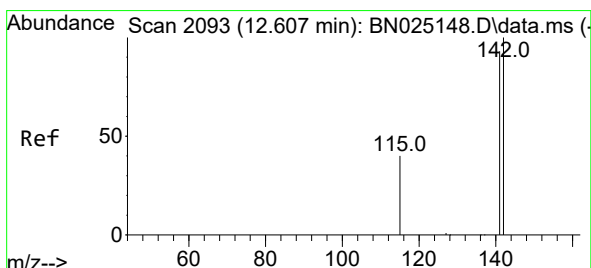
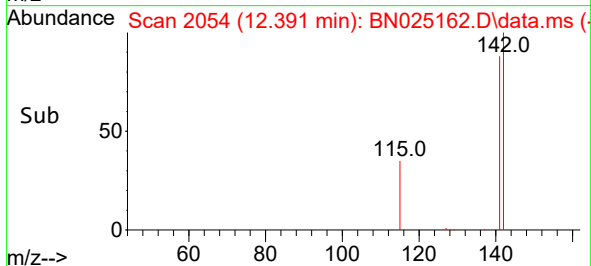
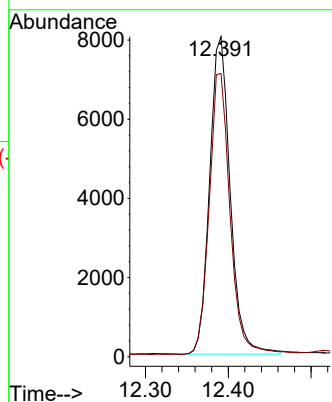
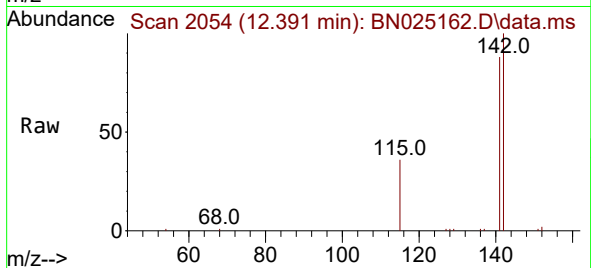




#7
2-Methylnaphthalene
Concen: 0.486 ng/ul
RT: 12.391 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

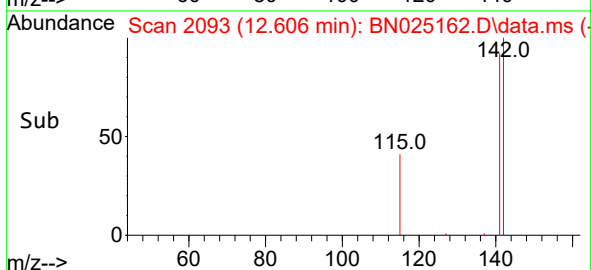
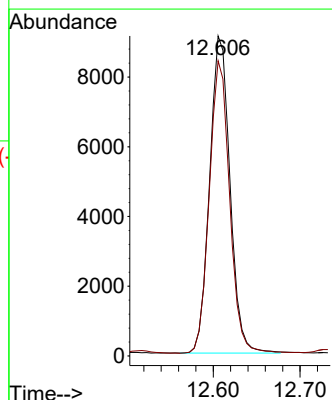
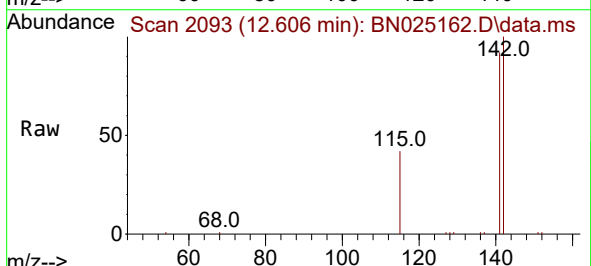
Instrument :
BNA_N
ClientSampleId :
SLCS353

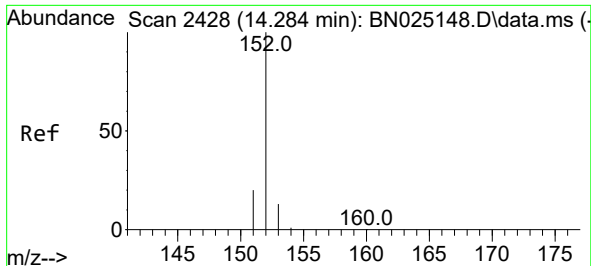
Tgt Ion:142 Resp: 13893
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.486 ng/ul
RT: 12.606 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Tgt Ion:142 Resp: 14803
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6

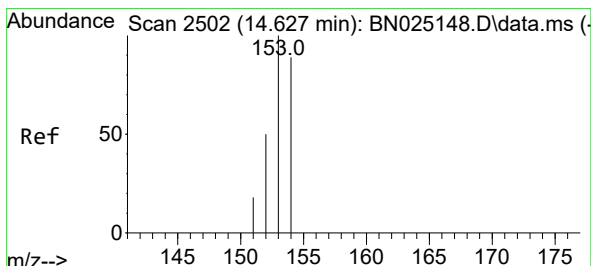
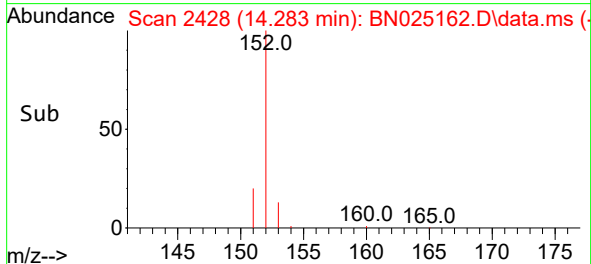
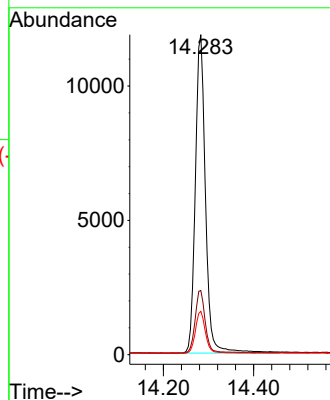
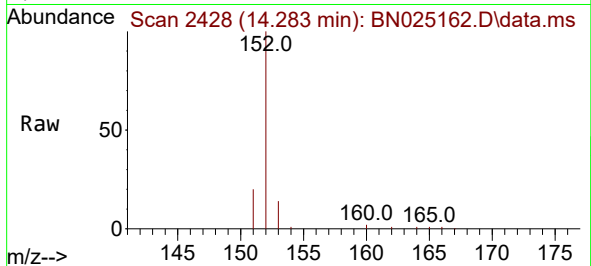




#10
Acenaphthylene
Concen: 0.467 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

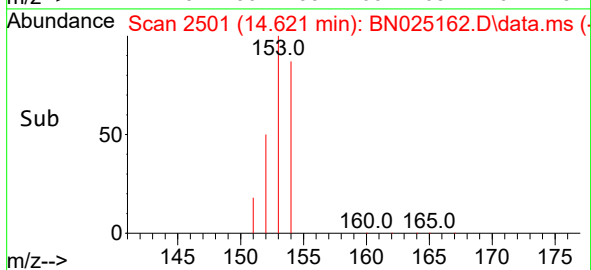
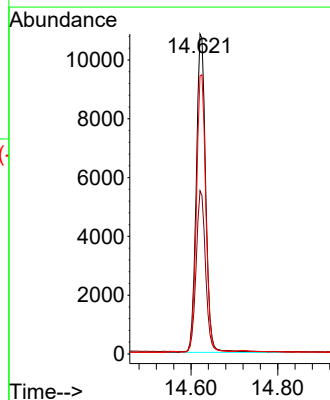
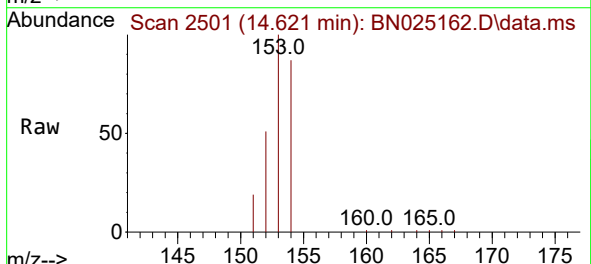
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ClientSampleId :
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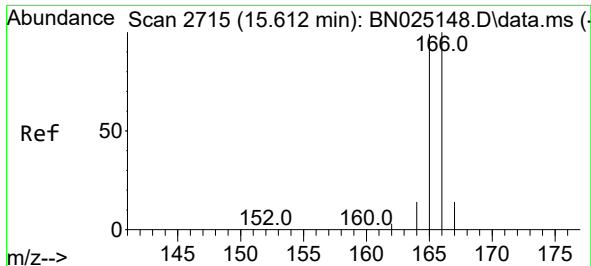
Tgt Ion:152 Resp: 18634
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.484 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. -0.005 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Tgt Ion:153 Resp: 16303
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 86.9 69.4 104.2

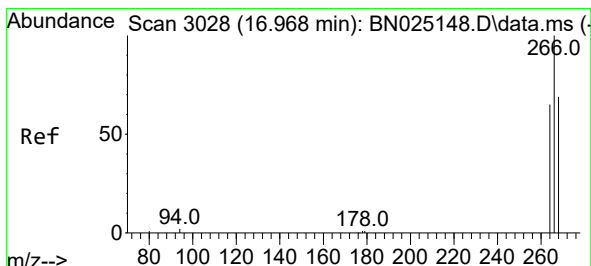
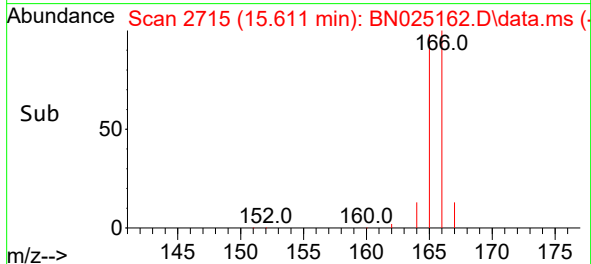
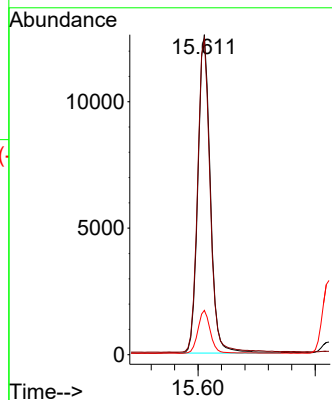
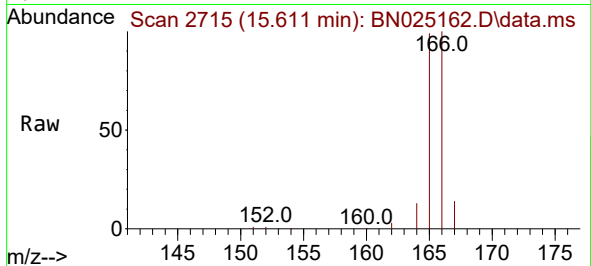




#12
Fluorene
Concen: 0.494 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. -0.000 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

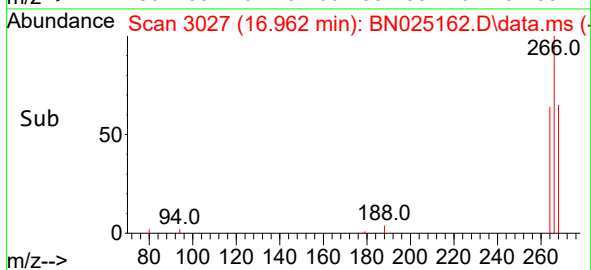
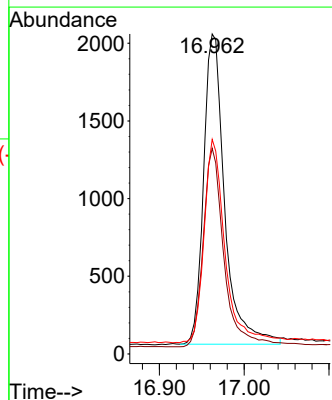
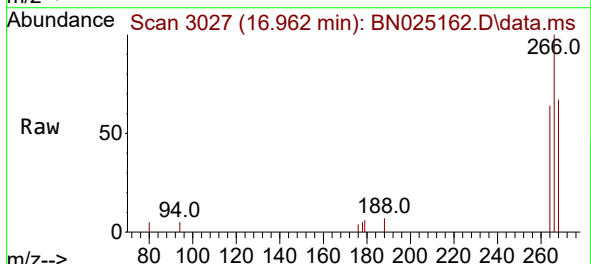
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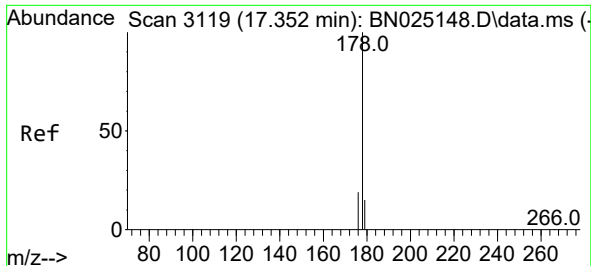
Tgt Ion:166 Resp: 18569
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.749 ng/ul
RT: 16.962 min Scan# 3027
Delta R.T. -0.004 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Tgt Ion:266 Resp: 3451
Ion Ratio Lower Upper
266 100
264 63.2 49.6 74.4
268 65.0 51.3 76.9

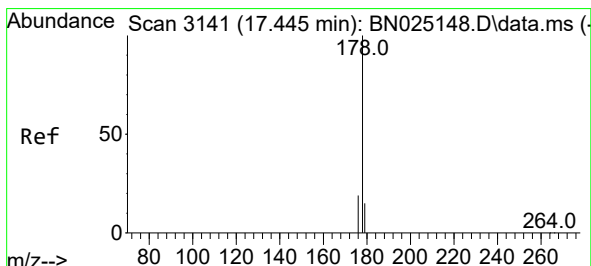
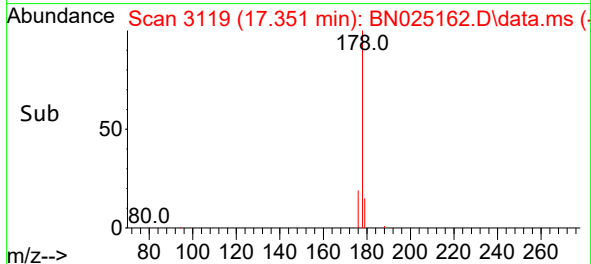
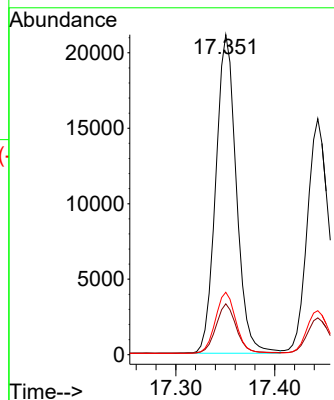
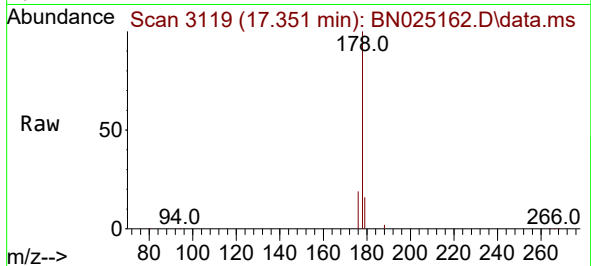




#15
Phenanthrene
Concen: 0.459 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

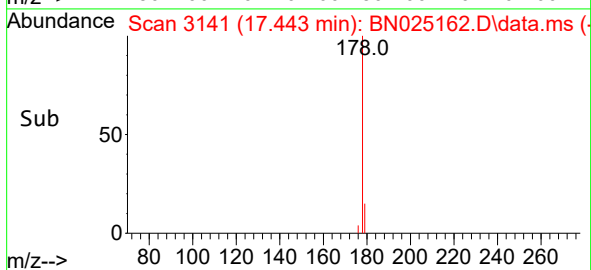
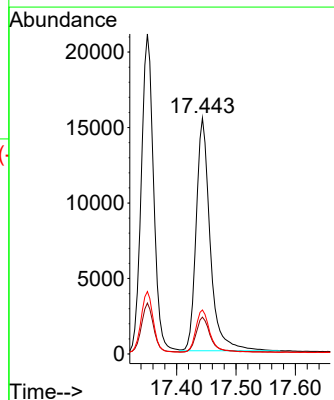
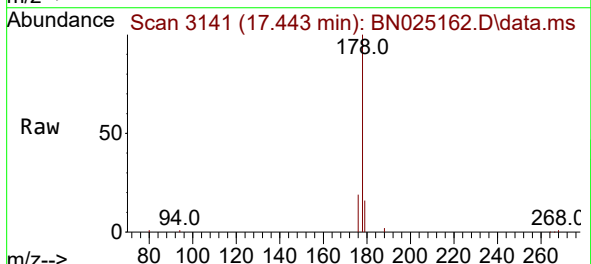
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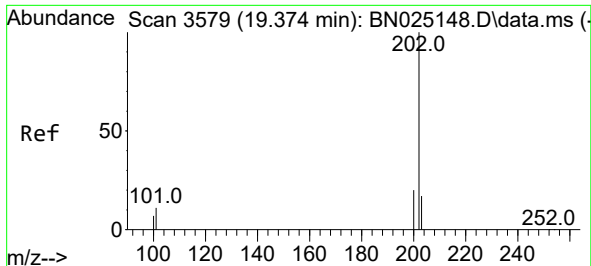
Tgt Ion:178 Resp: 30443
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.465 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Tgt Ion:178 Resp: 25220
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.7 15.3 22.9

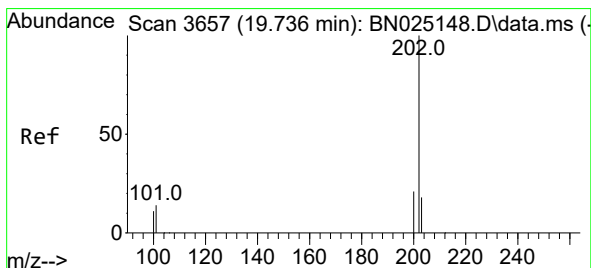
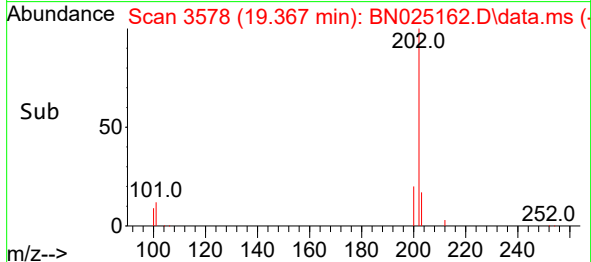
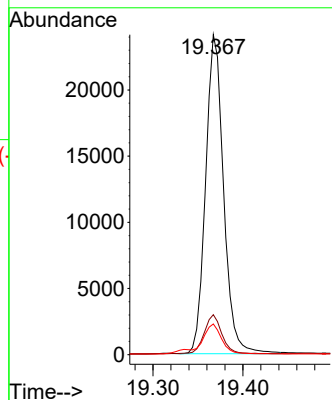
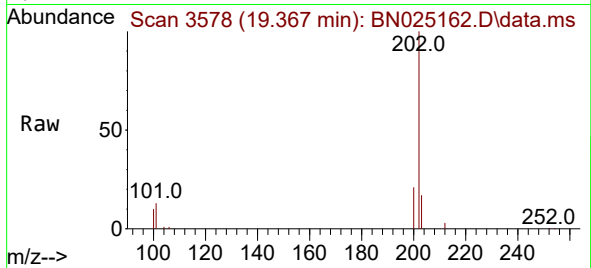




#19
Fluoranthene
Concen: 0.509 ng/ul
RT: 19.367 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

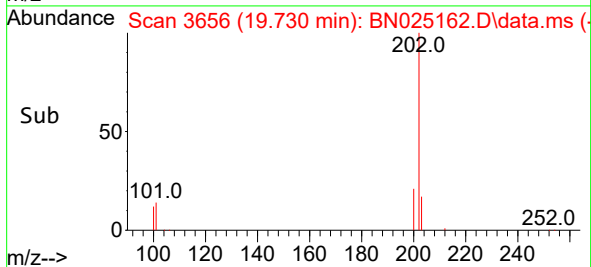
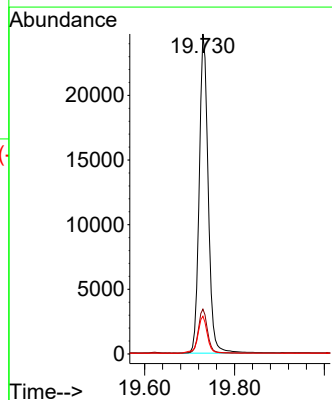
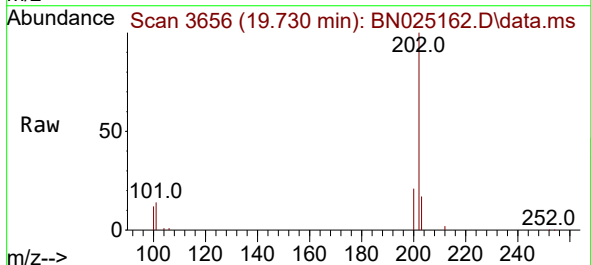
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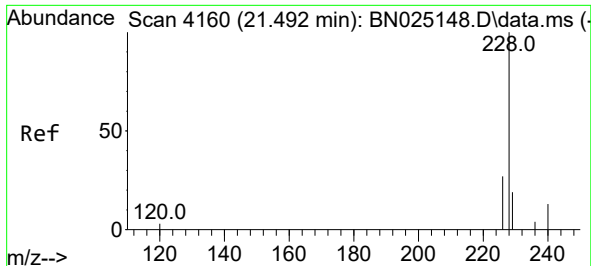
Tgt Ion:202 Resp: 33553
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.6 7.3 10.9



#20
Pyrene
Concen: 0.508 ng/ul
RT: 19.730 min Scan# 3656
Delta R.T. -0.009 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

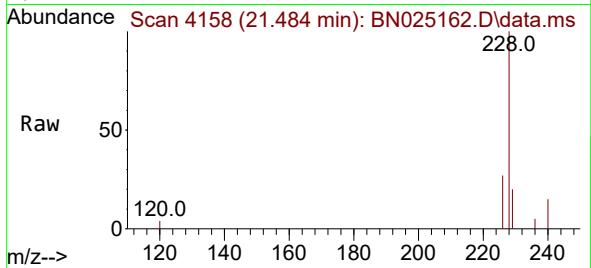
Tgt Ion:202 Resp: 34422
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 11.8 9.2 13.8



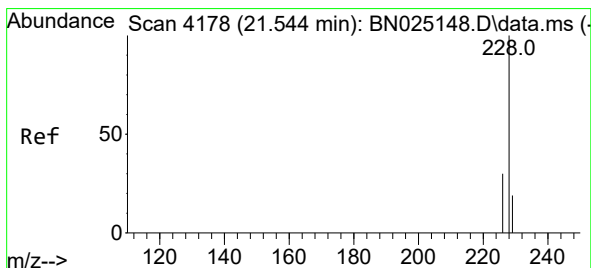
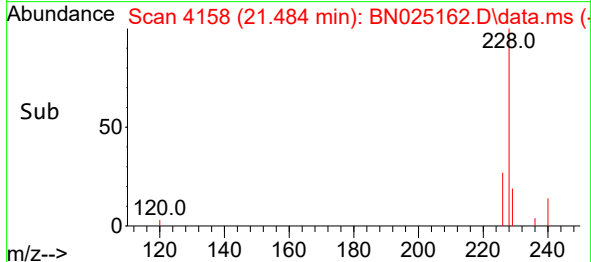
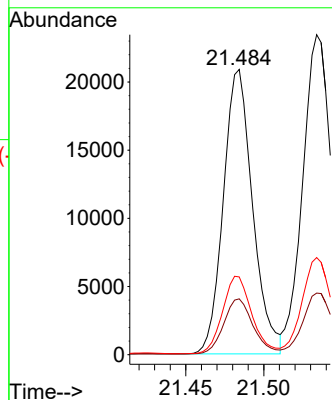


#21
Benzo(a)anthracene
Concen: 0.497 ng/ul
RT: 21.484 min Scan# 4158
Delta R.T. -0.012 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Instrument :
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ClientSampleId :
SLCS353

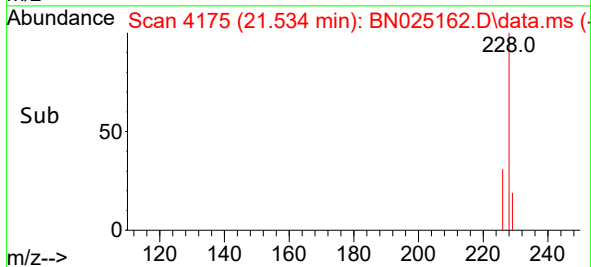
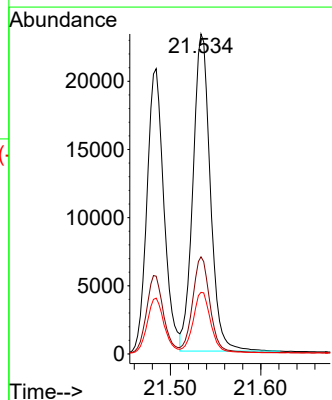
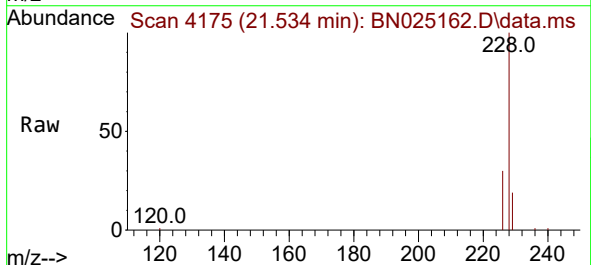


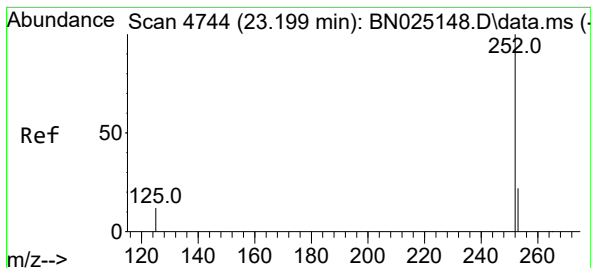
Tgt Ion:228 Resp: 27294
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.518 ng/ul
RT: 21.534 min Scan# 4175
Delta R.T. -0.015 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Tgt Ion:228 Resp: 31029
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.3 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.486 ng/ul

RT: 23.188 min Scan# 4741

Delta R.T. -0.021 min

Lab File: BN025162.D

Acq: 27 Apr 2023 00:38

Instrument :

BNA_N

ClientSampleId :

SLCS353

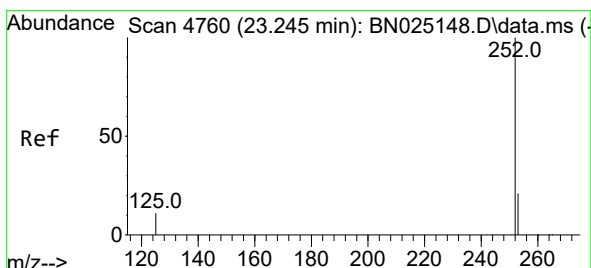
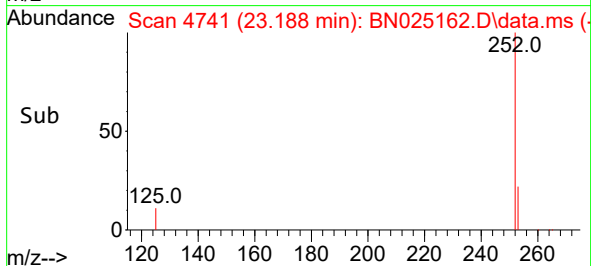
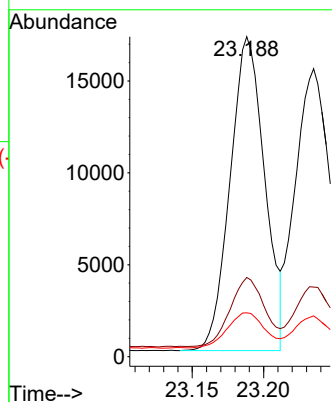
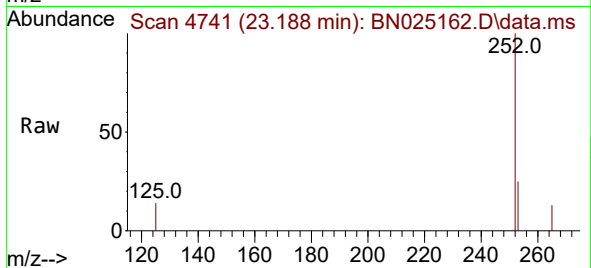
Tgt Ion:252 Resp: 28739

Ion Ratio Lower Upper

252 100

253 24.7 0.0 50.2

125 13.7 0.0 30.4



#25

Benzo(k)fluoranthene

Concen: 0.498 ng/ul

RT: 23.235 min Scan# 4757

Delta R.T. -0.021 min

Lab File: BN025162.D

Acq: 27 Apr 2023 00:38

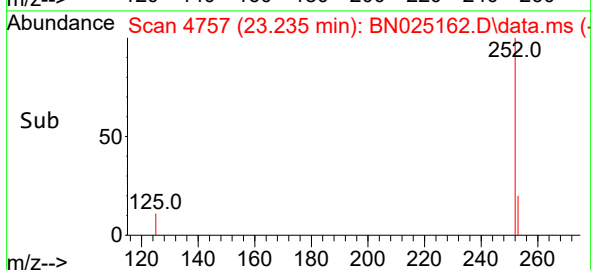
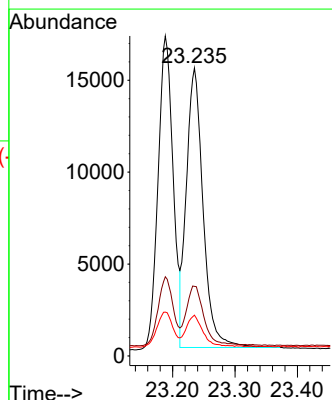
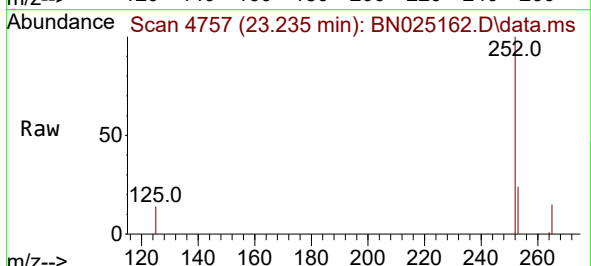
Tgt Ion:252 Resp: 28328

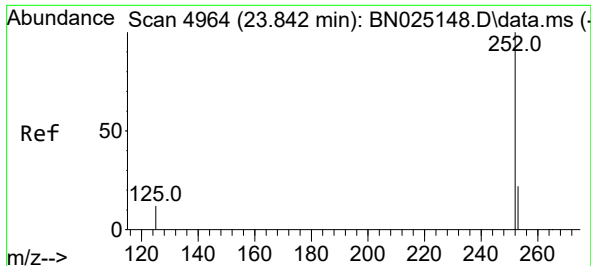
Ion Ratio Lower Upper

252 100

253 24.1 20.2 30.4

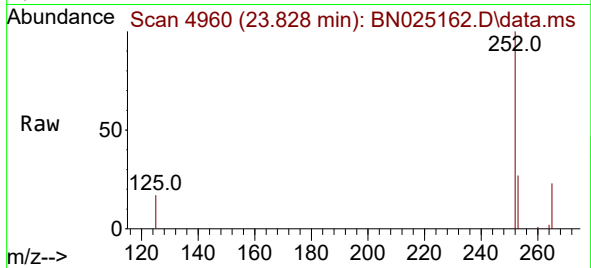
125 14.2 11.8 17.8



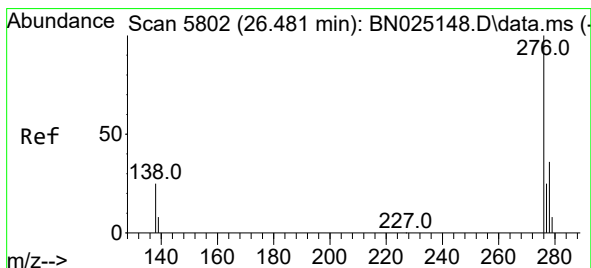
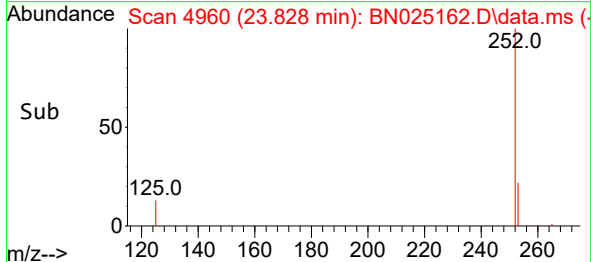
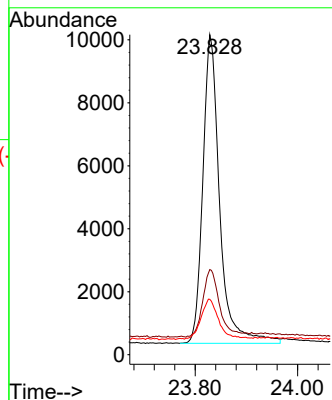


#26
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.828 min Scan# 4964
Delta R.T. -0.021 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Instrument :
BNA_N
ClientSampleId :
SLCS353

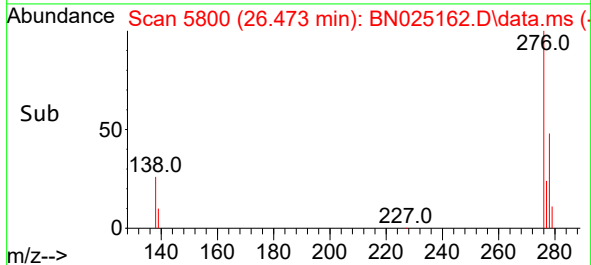
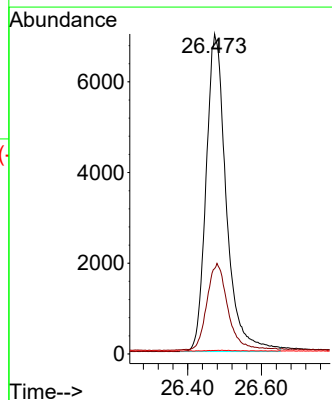
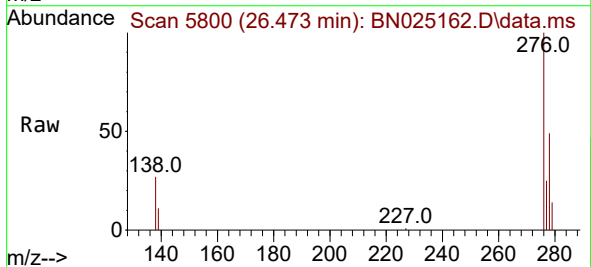


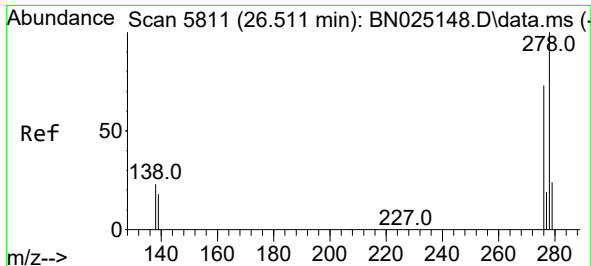
Tgt Ion:252 Resp: 22342
Ion Ratio Lower Upper
252 100
253 26.6 21.4 32.2
125 17.3 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.472 ng/ul
RT: 26.473 min Scan# 5800
Delta R.T. -0.017 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Tgt Ion:276 Resp: 26614
Ion Ratio Lower Upper
276 100
138 27.6 21.9 32.9
227 0.0 0.1 0.1#

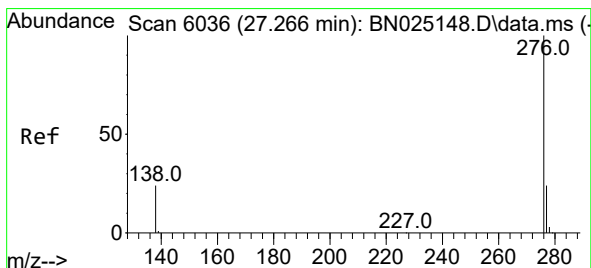
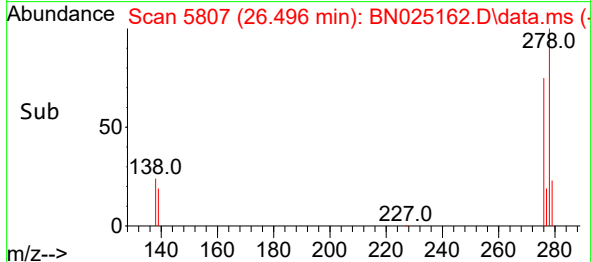
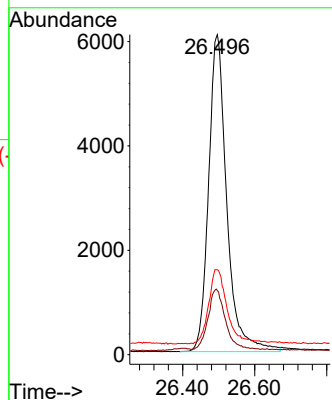
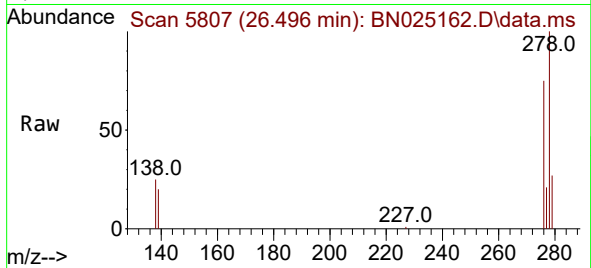




#28
Dibenzo(a,h)anthracene
Concen: 0.483 ng/ul
RT: 26.496 min Scan# 5811
Delta R.T. -0.010 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Instrument :
BNA_N
ClientSampleId :
SLCS353

Tgt Ion:278 Resp: 21277
Ion Ratio Lower Upper
278 100
139 20.0 17.0 25.6
279 26.6 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.478 ng/ul
RT: 27.254 min Scan# 6033
Delta R.T. -0.014 min
Lab File: BN025162.D
Acq: 27 Apr 2023 00:38

Tgt Ion:276 Resp: 22904
Ion Ratio Lower Upper
276 100
138 25.5 20.3 30.5
277 24.7 19.8 29.6

