

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030152.D
 Acq On : 29 Feb 2024 05:15
 Operator : MA/JU
 Sample : P1494-15MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH3W6MS

Quant Time: Feb 29 05:54:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 23:49:29 2024
 Response via : Initial Calibration

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

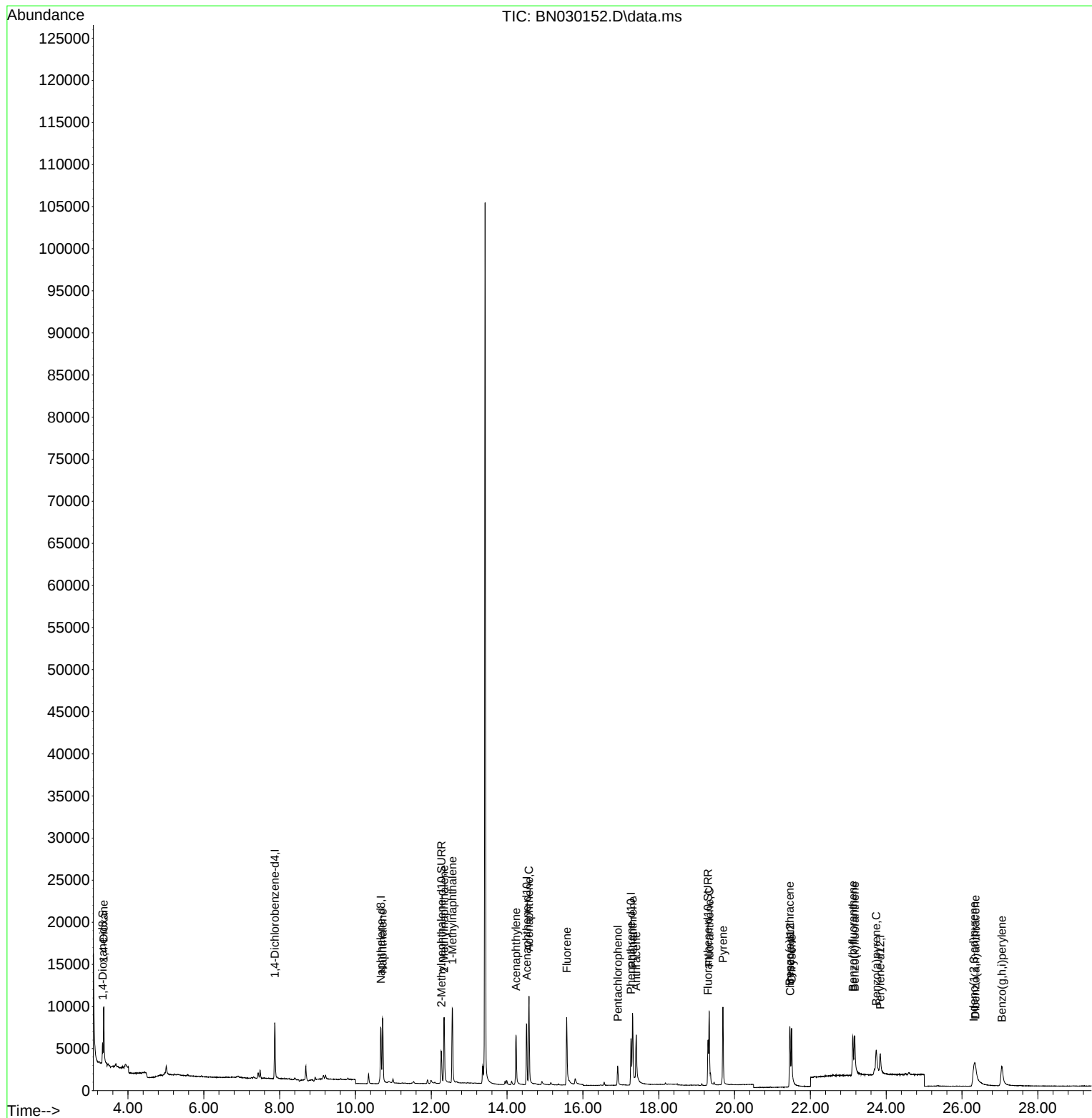
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	3638	0.400	ng/ul	0.02
4) Naphthalene-d8	10.672	136	10141	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.516	164	4458	0.400	ng/ul	0.02
13) Phenanthrene-d10	17.268	188	7366	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	4020	0.400	ng/ul	0.00
23) Perylene-d12	23.841	264	3751	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	1634	0.360	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.267	152	5522	0.428	ng/ul	0.02
18) Fluoranthene-d10	19.300	212	6876	0.520	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.361	88	4624	0.936	ng/ul	90
5) Naphthalene	10.716	128	11693	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.338	142	6434	0.393	ng/ul	100
8) 1-Methylnaphthalene	12.558	142	6703	0.402	ng/ul	99
10) Acenaphthylene	14.234	152	8391	0.386	ng/ul	96
11) Acenaphthene	14.576	153	6913	0.418	ng/ul	98
12) Fluorene	15.571	166	6979	0.404	ng/ul	99
14) Pentachlorophenol	16.918	266	1843	1.122	ng/ul#	50
15) Phenanthrene	17.310	178	10823	0.470	ng/ul	98
16) Anthracene	17.407	178	8739	0.451	ng/ul	98
19) Fluoranthene	19.332	202	8515	0.461	ng/ul	95
20) Pyrene	19.695	202	8994	0.475	ng/ul#	92
21) Benzo(a)anthracene	21.453	228	6581	0.454	ng/ul	98
22) Chrysene	21.505	228	7477	0.471	ng/ul	98
24) Benzo(b)fluoranthene	23.119	252	7195	0.510	ng/ul	94
25) Benzo(k)fluoranthene	23.168	252	8117	0.519	ng/ul	95
26) Benzo(a)pyrene	23.738	252	6683	0.504	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.309	276	7702	0.478	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.349	278	5949	0.471	ng/ul#	89
29) Benzo(g,h,i)perylene	27.050	276	7186	0.491	ng/ul	94

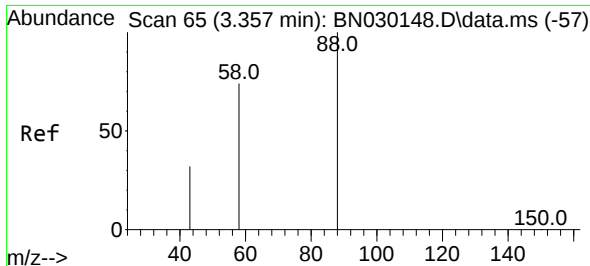
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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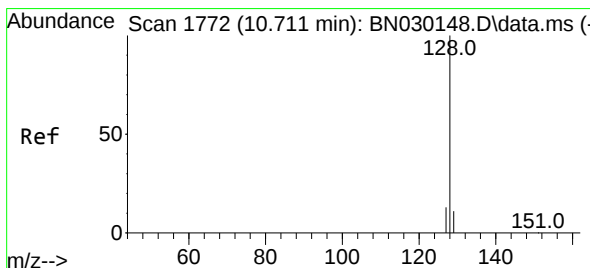
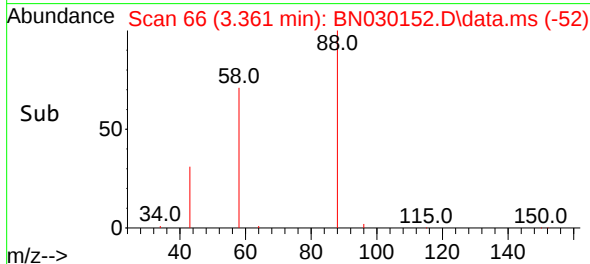
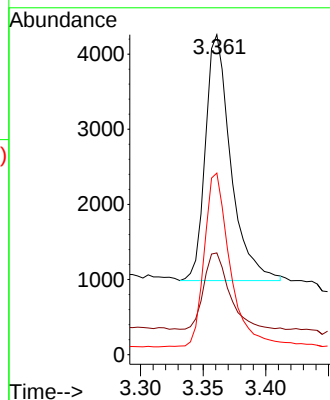
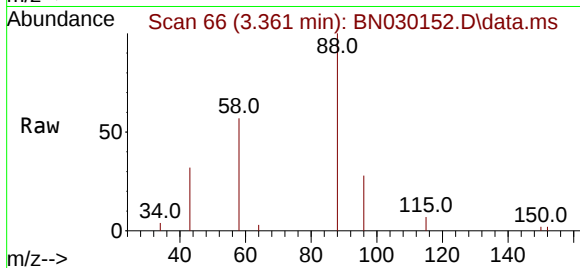




#2
 1,4-Dioxane
 Concen: 0.936 ng/ul
 RT: 3.361 min Scan# 60
 Delta R.T. 0.008 min
 Lab File: BN030152.D
 Acq: 29 Feb 2024 05:15

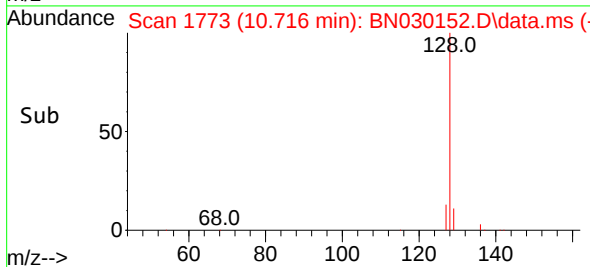
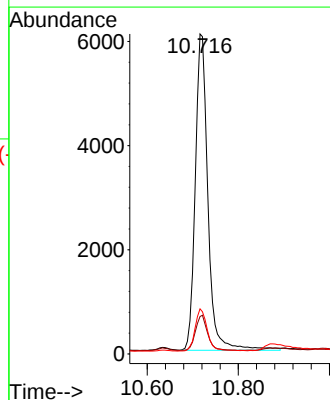
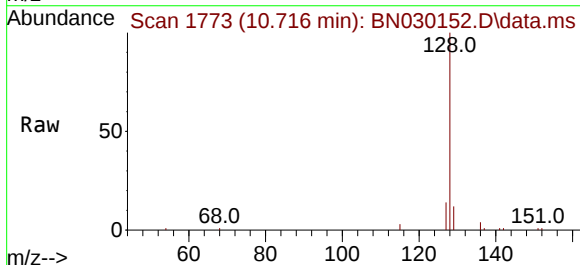
Instrument :
 BNA_N
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 BH3W6MS

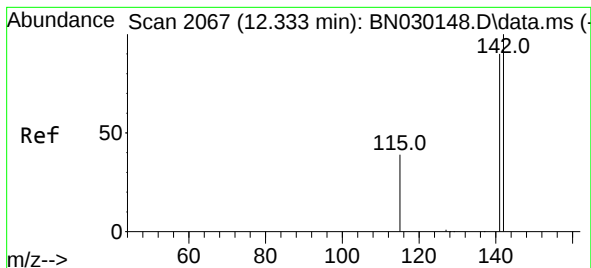
Tgt Ion: 88 Resp: 4624
 Ion Ratio Lower Upper
 88 100
 43 31.8 21.8 32.6
 58 56.8 39.3 58.9



#5
 Naphthalene
 Concen: 0.410 ng/ul
 RT: 10.716 min Scan# 1773
 Delta R.T. 0.016 min
 Lab File: BN030152.D
 Acq: 29 Feb 2024 05:15

Tgt Ion: 128 Resp: 11693
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.1 13.7
 127 14.1 11.0 16.6





#7

2-Methylnaphthalene

Concen: 0.393 ng/ul

RT: 12.338 min Scan# 2067

Delta R.T. 0.022 min

Lab File: BN030152.D

Acq: 29 Feb 2024 05:15

Instrument :

BNA_N

ClientSampleId :

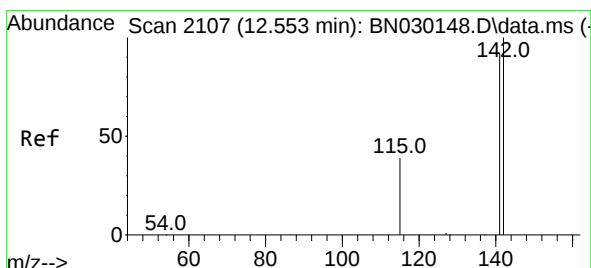
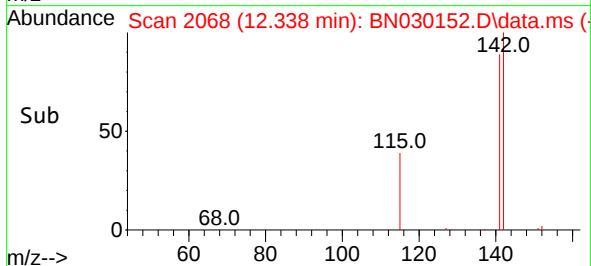
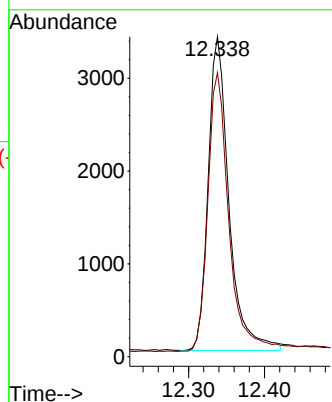
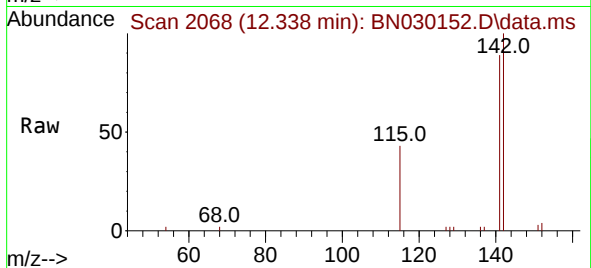
BH3W6MS

Tgt Ion:142 Resp: 6434

Ion Ratio Lower Upper

142 100

141 89.6 71.5 107.3



#8

1-Methylnaphthalene

Concen: 0.402 ng/ul

RT: 12.558 min Scan# 2108

Delta R.T. 0.022 min

Lab File: BN030152.D

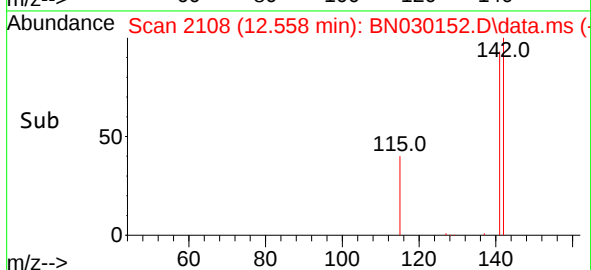
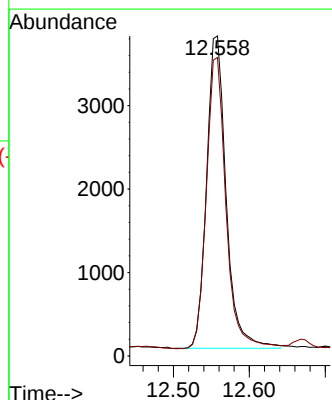
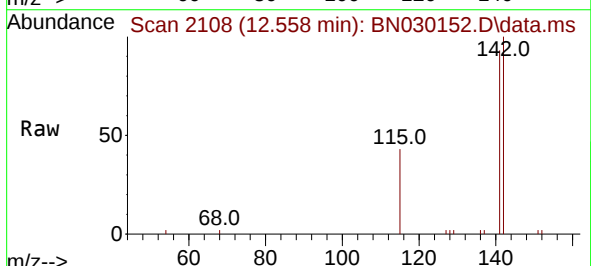
Acq: 29 Feb 2024 05:15

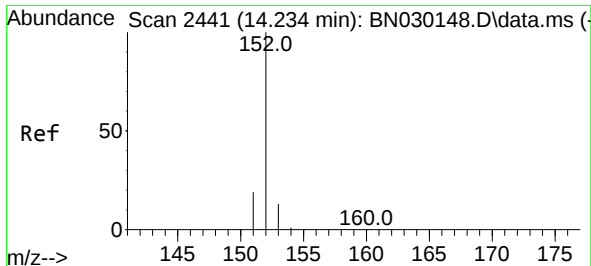
Tgt Ion:142 Resp: 6703

Ion Ratio Lower Upper

142 100

141 93.8 73.9 110.9

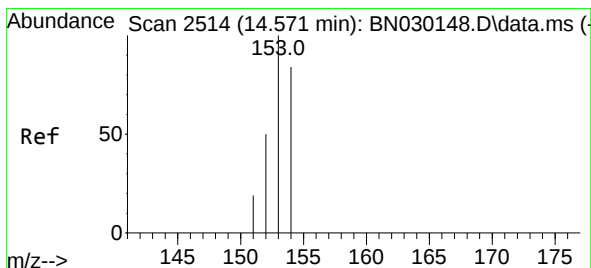
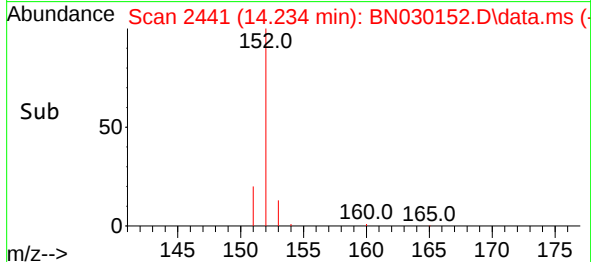
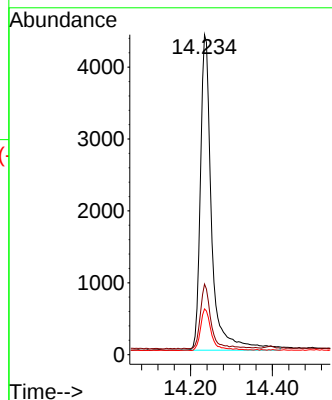
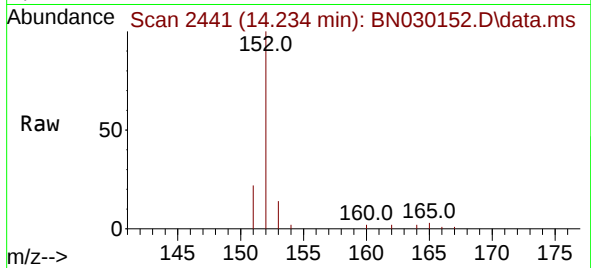




#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.234 min Scan# 2441
Delta R.T. 0.015 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

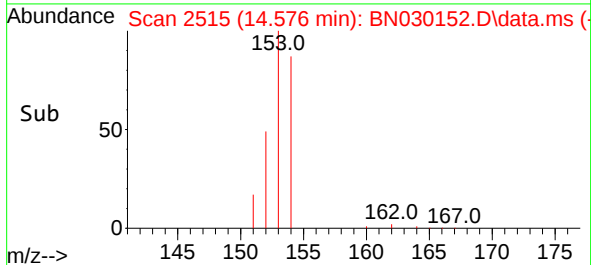
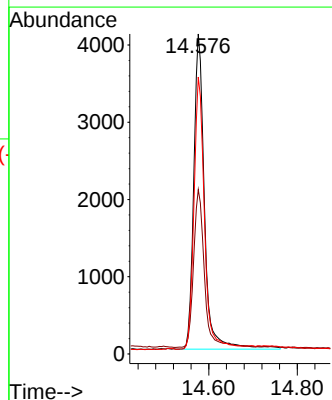
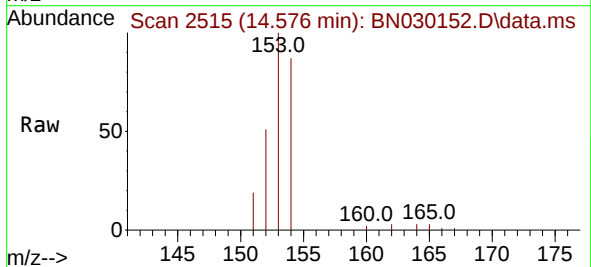
Instrument :
BNA_N
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BH3W6MS

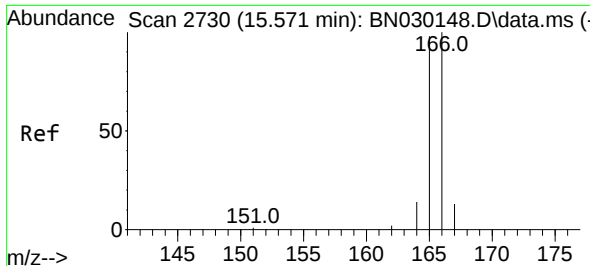
Tgt Ion:152 Resp: 8391
Ion Ratio Lower Upper
152 100
151 22.1 15.8 23.8
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.576 min Scan# 2515
Delta R.T. 0.015 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

Tgt Ion:153 Resp: 6913
Ion Ratio Lower Upper
153 100
152 51.4 41.5 62.3
154 86.6 70.9 106.3

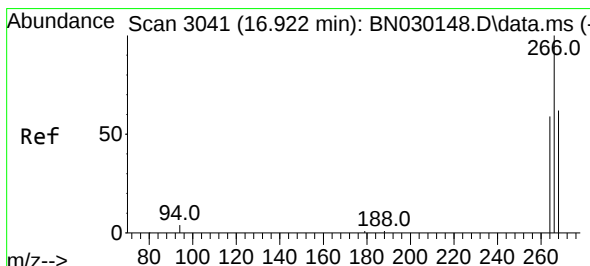
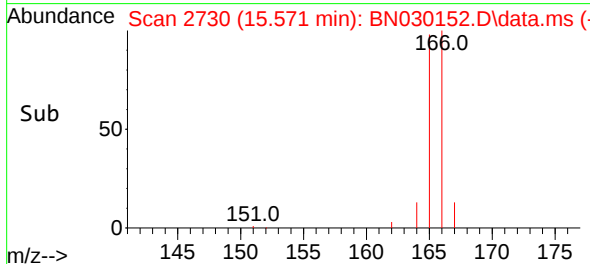
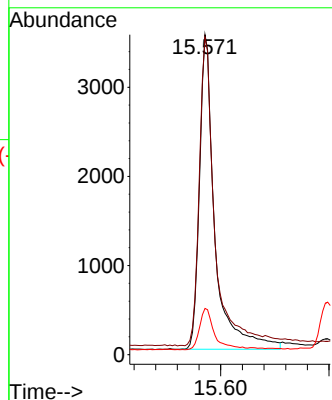
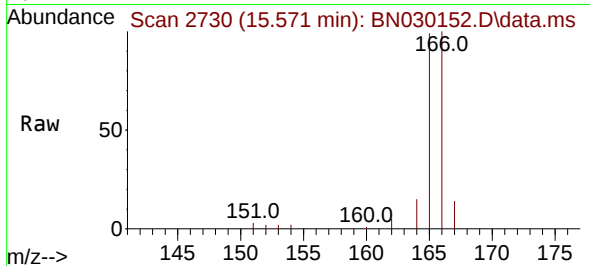




#12
Fluorene
Concen: 0.404 ng/ul
RT: 15.571 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

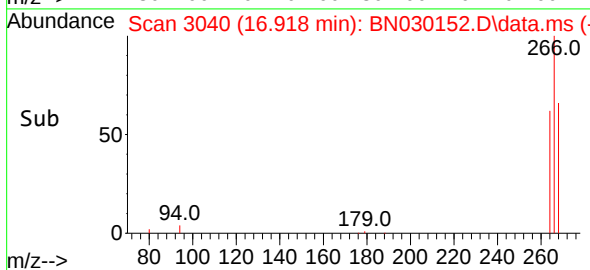
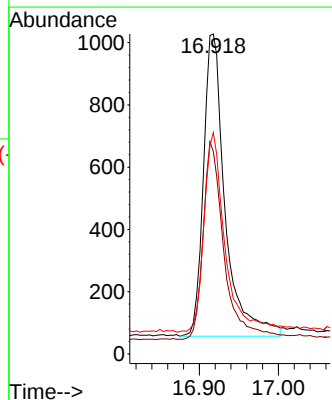
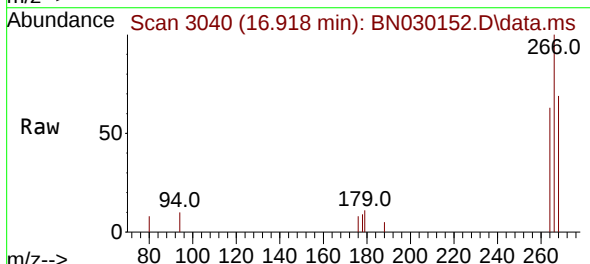
Instrument :
BNA_N
ClientSampleId :
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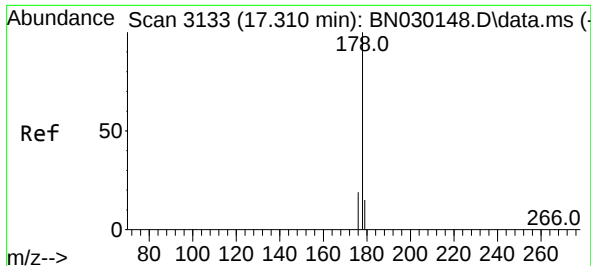
Tgt Ion:166 Resp: 6979
Ion Ratio Lower Upper
166 100
165 99.1 78.6 117.8
167 14.5 11.5 17.3



#14
Pentachlorophenol
Concen: 1.122 ng/ul
RT: 16.918 min Scan# 3040
Delta R.T. 0.001 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

Tgt Ion:266 Resp: 1843
Ion Ratio Lower Upper
266 100
264 62.9 0.0 0.0#
268 64.6 0.2 0.2#

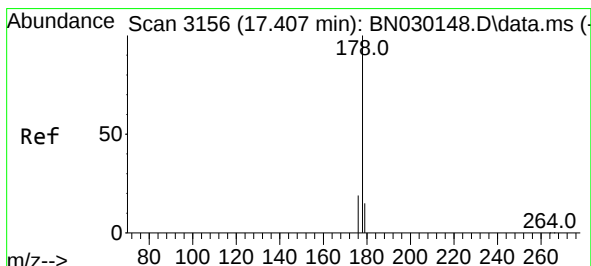
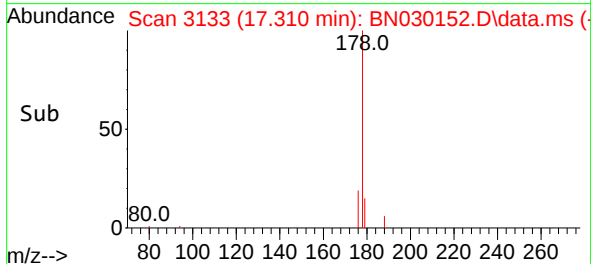
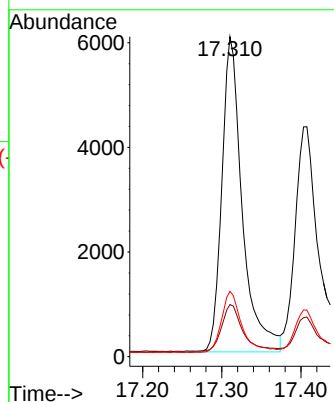
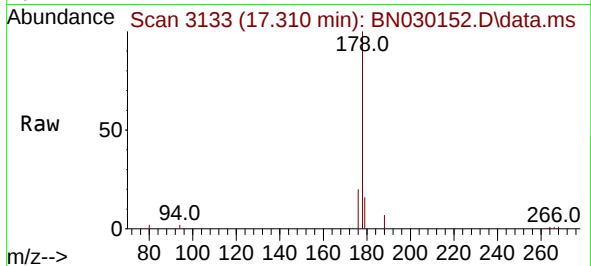




#15
Phenanthrene
Concen: 0.470 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. 0.009 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

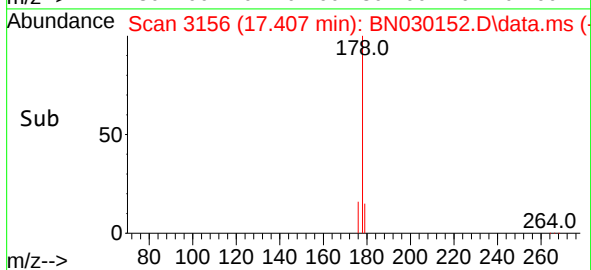
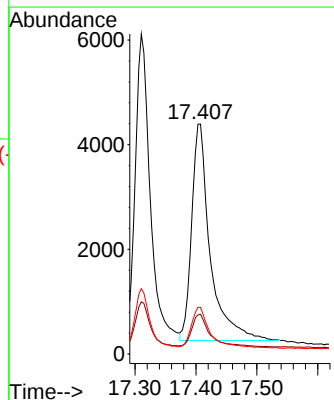
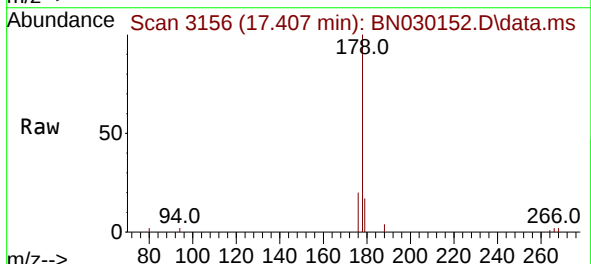
Instrument :
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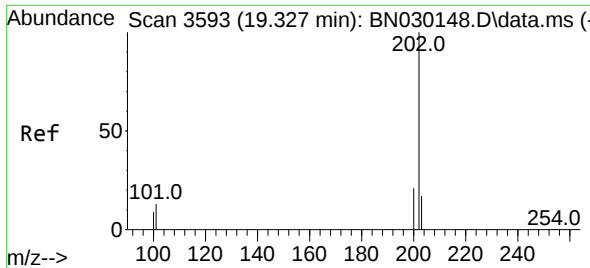
Tgt Ion:178	Resp:	10823
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.6 18.8
176	20.4	15.7 23.5



#16
Anthracene
Concen: 0.451 ng/ul
RT: 17.407 min Scan# 3156
Delta R.T. 0.009 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

Tgt Ion:178	Resp:	8739
Ion Ratio	Lower	Upper
178	100	
179	17.3	12.9 19.3
176	20.3	15.8 23.8

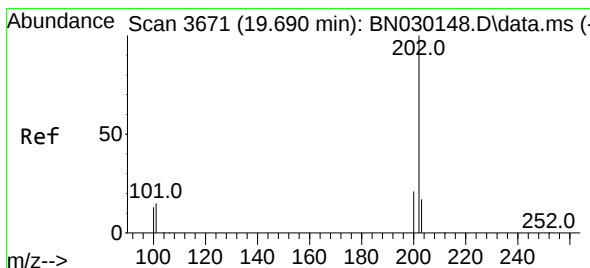
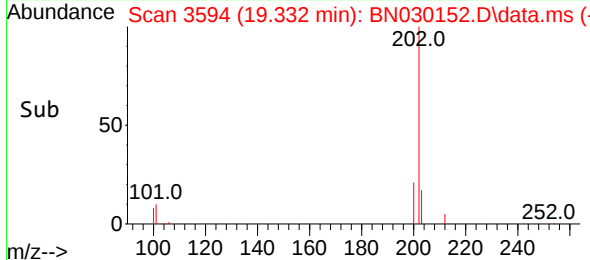
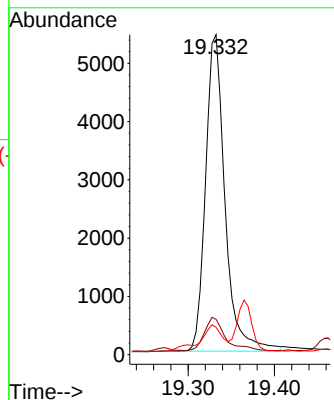
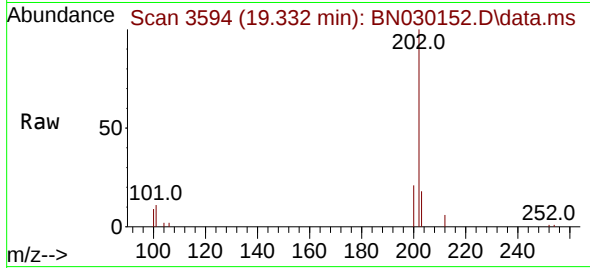




#19
Fluoranthene
Concen: 0.461 ng/ul
RT: 19.332 min Scan# 3594
Delta R.T. 0.010 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

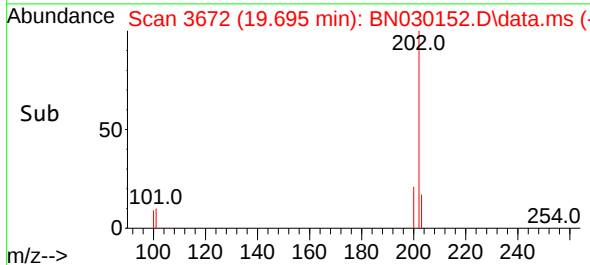
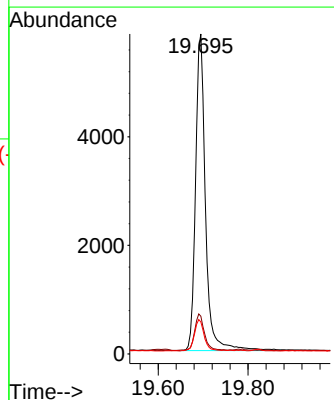
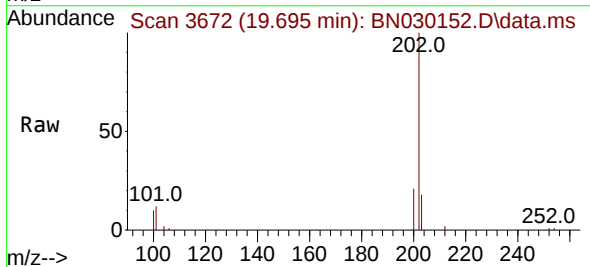
Instrument :
BNA_N
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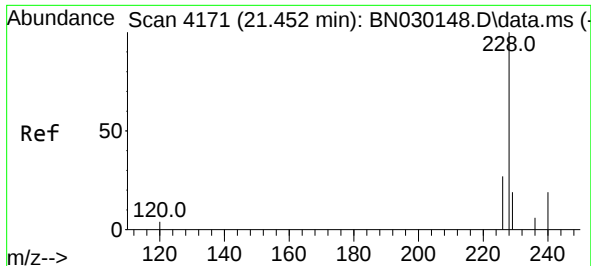
Tgt Ion:202 Resp: 8515
Ion Ratio Lower Upper
202 100
101 11.1 10.4 15.6
100 8.5 8.5 12.7



#20
Pyrene
Concen: 0.475 ng/ul
RT: 19.695 min Scan# 3672
Delta R.T. 0.010 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

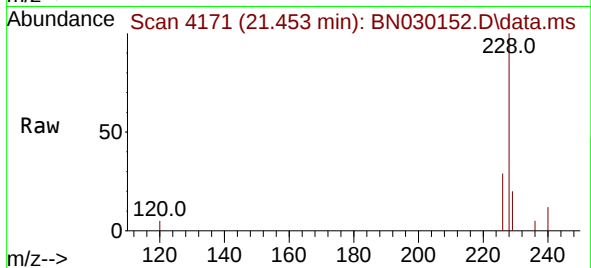
Tgt Ion:202 Resp: 8994
Ion Ratio Lower Upper
202 100
101 11.8 12.5 18.7#
100 10.0 10.0 15.0#



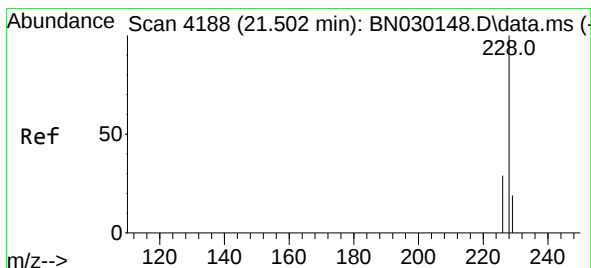
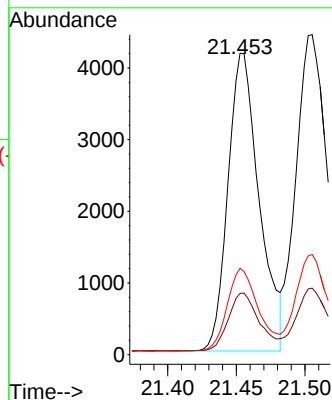
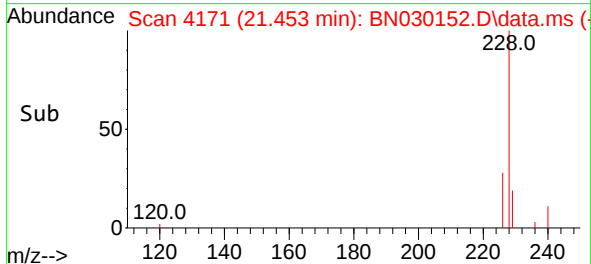


#21
Benzo(a)anthracene
Concen: 0.454 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. 0.002 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

Instrument :
BNA_N
ClientSampleId :
BH3W6MS

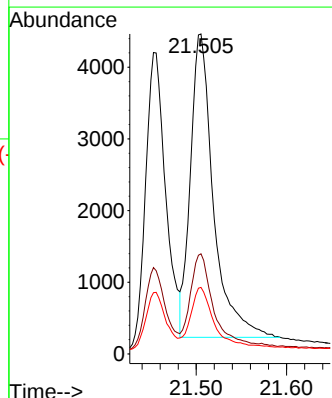
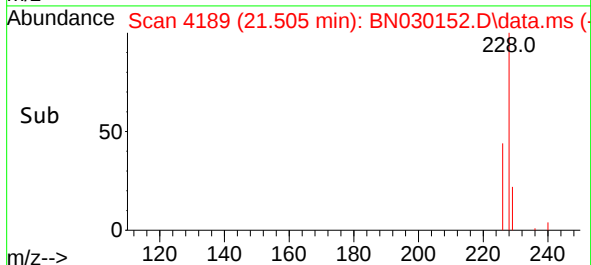
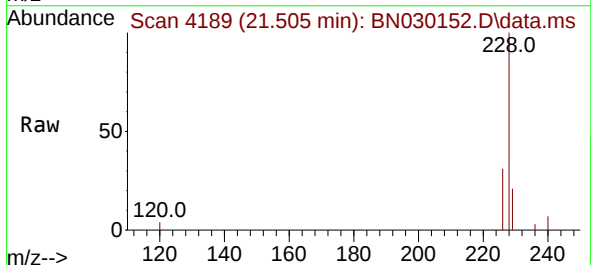


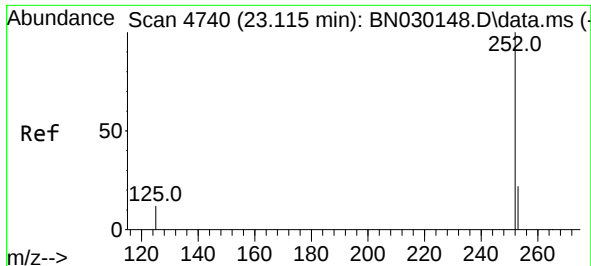
Tgt Ion:228 Resp: 6581
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.7 22.2 33.4



#22
Chrysene
Concen: 0.471 ng/ul
RT: 21.505 min Scan# 4189
Delta R.T. 0.005 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

Tgt Ion:228 Resp: 7477
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.2
229 20.8 15.7 23.5

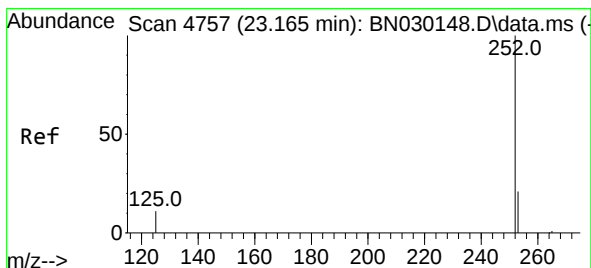
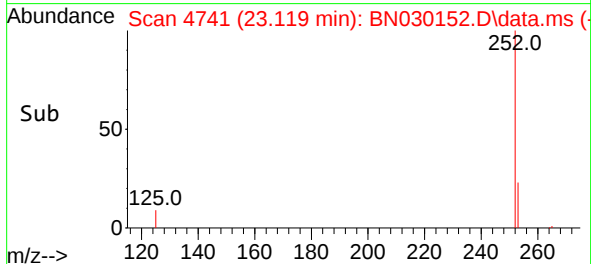
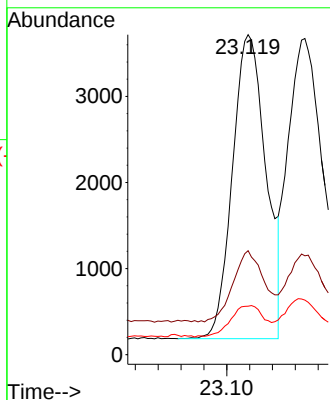
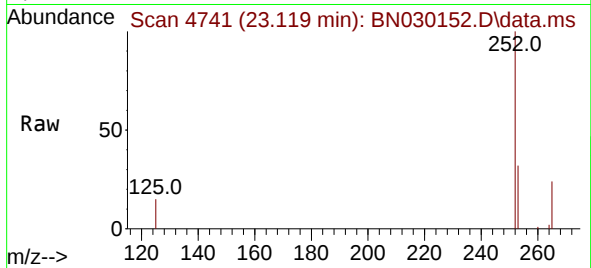




#24
Benzo(b)fluoranthene
Concen: 0.510 ng/ul
RT: 23.119 min Scan# 4741
Delta R.T. 0.011 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

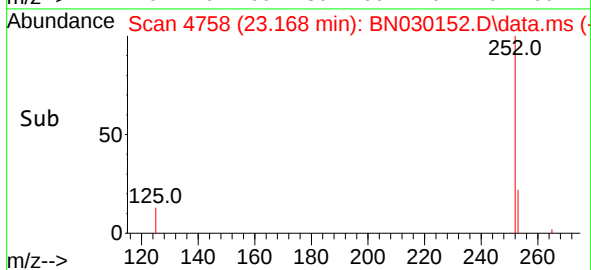
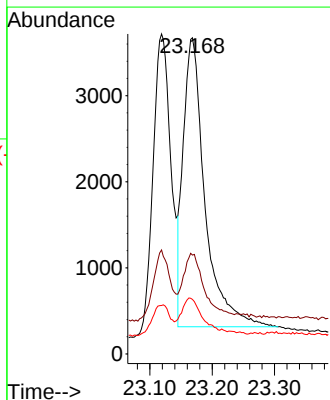
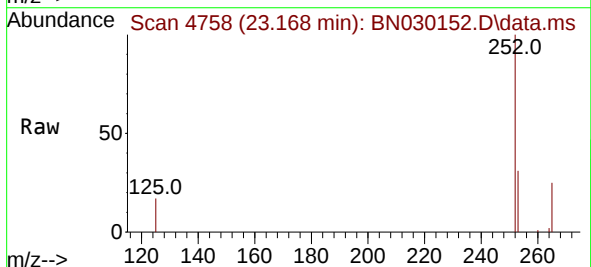
Instrument :
BNA_N
ClientSampleId :
BH3W6MS

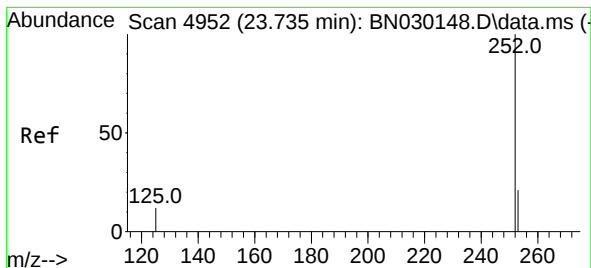
Tgt Ion:252 Resp: 7195
Ion Ratio Lower Upper
252 100
253 32.5 0.0 56.8
125 15.1 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.519 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. 0.014 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

Tgt Ion:252 Resp: 8117
Ion Ratio Lower Upper
252 100
253 31.3 22.6 33.8
125 17.3 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.504 ng/ul

RT: 23.738 min Scan# 4952

Delta R.T. 0.014 min

Lab File: BN030152.D

Acq: 29 Feb 2024 05:15

Instrument :

BNA_N

ClientSampleId :

BH3W6MS

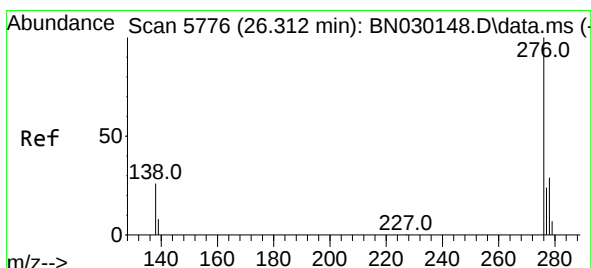
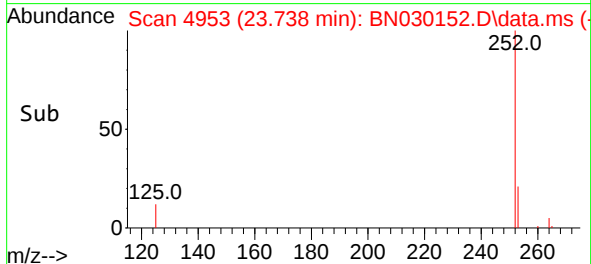
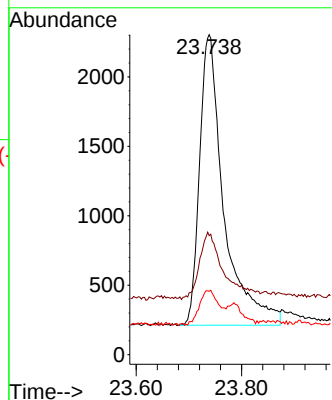
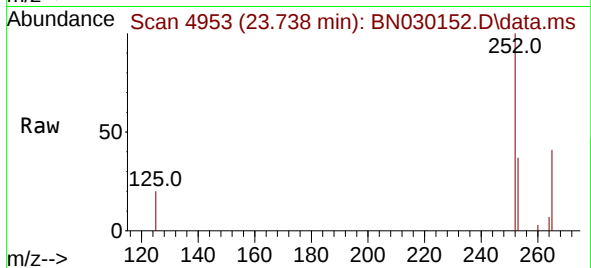
Tgt Ion:252 Resp: 6683

Ion Ratio Lower Upper

252 100

253 37.2 25.4 38.0

125 19.8 16.0 24.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.478 ng/ul

RT: 26.309 min Scan# 5775

Delta R.T. 0.016 min

Lab File: BN030152.D

Acq: 29 Feb 2024 05:15

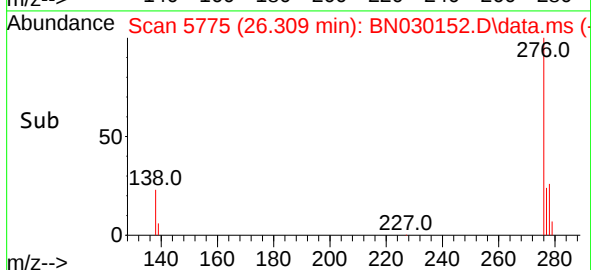
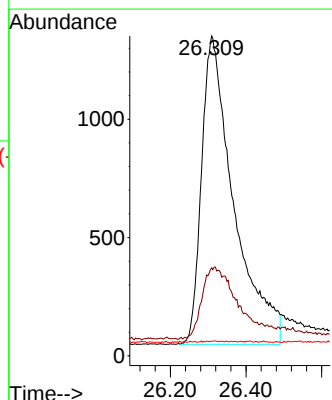
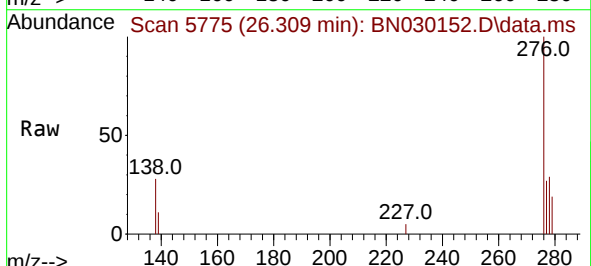
Tgt Ion:276 Resp: 7702

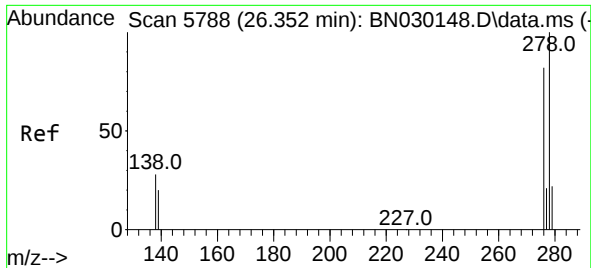
Ion Ratio Lower Upper

276 100

138 27.0 0.0 0.0#

227 0.0 0.0 0.0

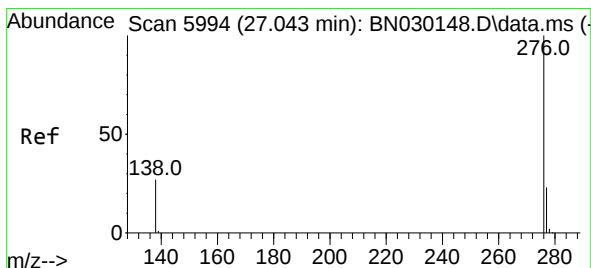
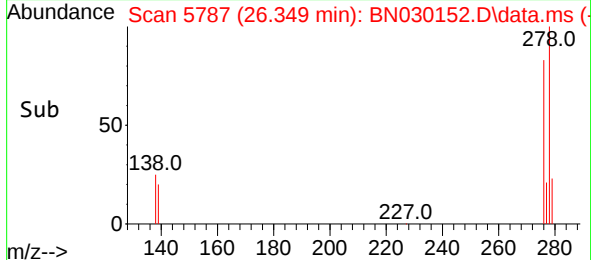
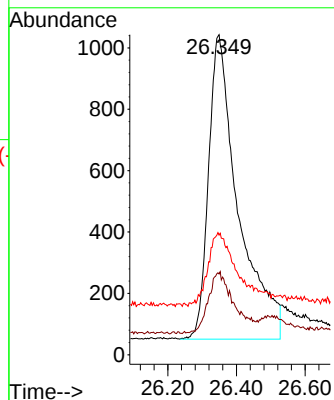
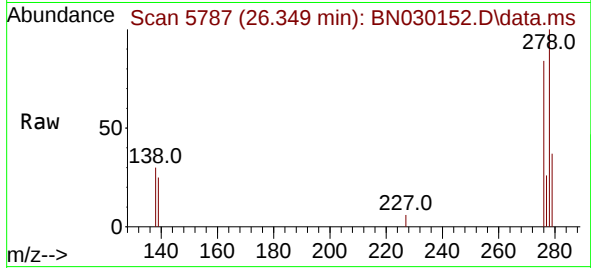




#28
Dibenzo(a,h)anthracene
Concen: 0.471 ng/ul
RT: 26.349 min Scan# 51
Delta R.T. 0.019 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

Instrument :
BNA_N
ClientSampleId :
BH3W6MS

Tgt Ion:278 Resp: 5949
Ion Ratio Lower Upper
278 100
139 25.2 19.0 28.4
279 37.4 22.6 34.0#



#29
Benzo(g,h,i)perylene
Concen: 0.491 ng/ul
RT: 27.050 min Scan# 5996
Delta R.T. 0.033 min
Lab File: BN030152.D
Acq: 29 Feb 2024 05:15

Tgt Ion:276 Resp: 7186
Ion Ratio Lower Upper
276 100
138 26.4 24.6 37.0
277 26.3 19.7 29.5

