

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032724\
 Data File : BN030513.D
 Acq On : 27 Mar 2024 19:55
 Operator : MA/JU
 Sample : PB159784BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS784

Quant Time: Mar 27 23:32:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 15:11:42 2024
 Response via : Initial Calibration

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

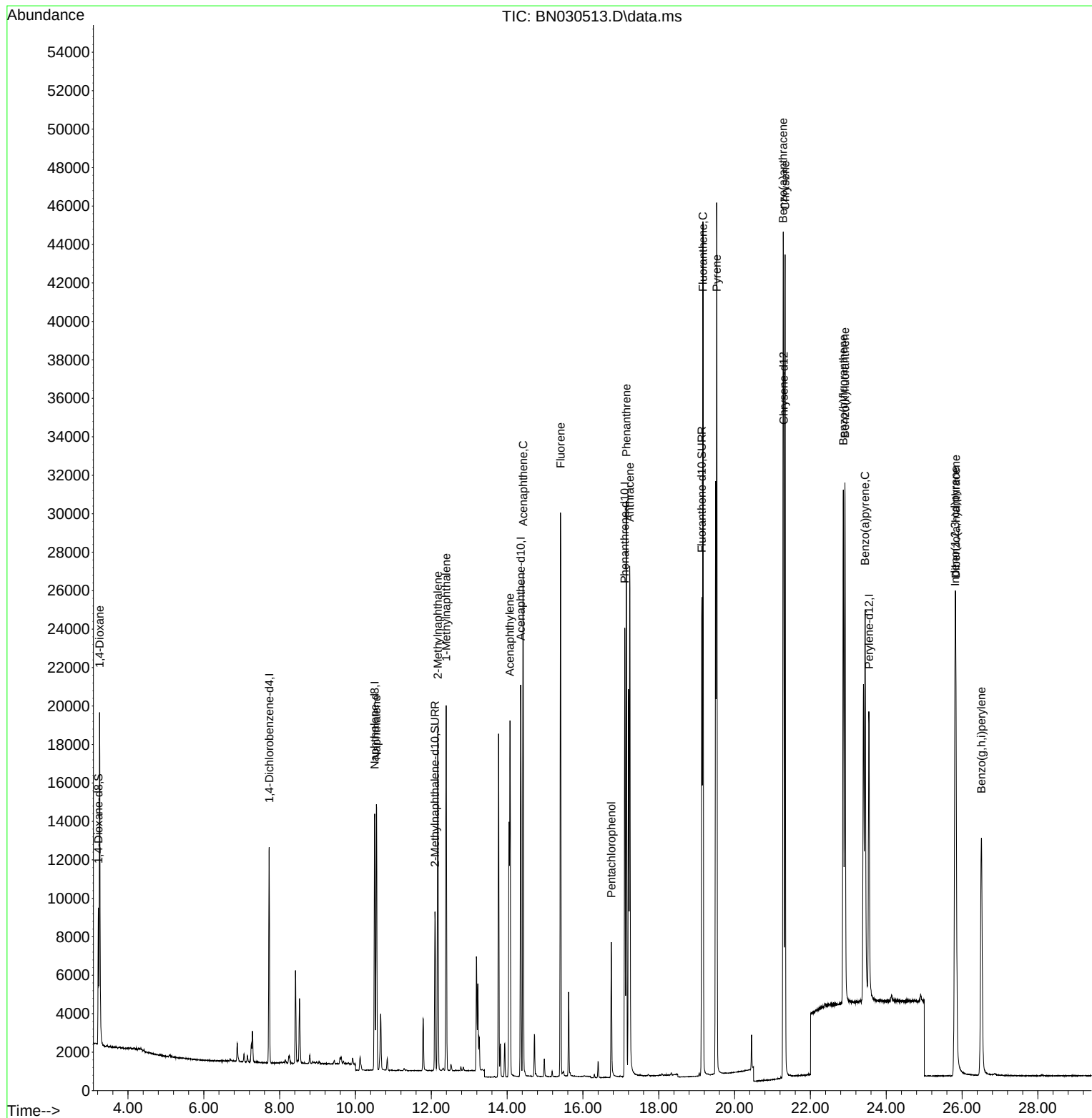
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5558	0.400	ng/ul	0.00
4) Naphthalene-d8	10.507	136	17624	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.358	164	11096	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.104	188	26711	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	22760	0.400	ng/ul	0.00
23) Perylene-d12	23.546	264	20729	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	4716	0.774	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.097	152	10529	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	27136	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	11899	1.928	ng/ul#	82
5) Naphthalene	10.551	128	18693	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.174	142	12729	0.401	ng/ul	99
8) 1-Methylnaphthalene	12.394	142	12998	0.387	ng/ul	100
10) Acenaphthylene	14.076	152	20287	0.405	ng/ul	99
11) Acenaphthene	14.423	153	15031	0.385	ng/ul	97
12) Fluorene	15.409	166	17984	0.391	ng/ul	98
14) Pentachlorophenol	16.749	266	4740	0.971	ng/ul	100
15) Phenanthrene	17.146	178	30926	0.386	ng/ul	100
16) Anthracene	17.234	178	28028	0.415	ng/ul	99
19) Fluoranthene	19.165	202	36204	0.386	ng/ul	100
20) Pyrene	19.528	202	38298	0.414	ng/ul	98
21) Benzo(a)anthracene	21.281	228	33572	0.427	ng/ul	99
22) Chrysene	21.333	228	35315	0.407	ng/ul	100
24) Benzo(b)fluoranthene	22.867	252	32713	0.388	ng/ul	99
25) Benzo(k)fluoranthene	22.911	252	35293	0.397	ng/ul	99
26) Benzo(a)pyrene	23.443	252	29773	0.435	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.816	276	32787	0.423	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.833	278	26125	0.424	ng/ul	97
29) Benzo(g,h,i)perylene	26.510	276	26364	0.401	ng/ul	98

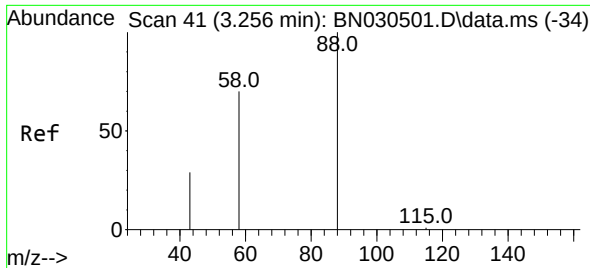
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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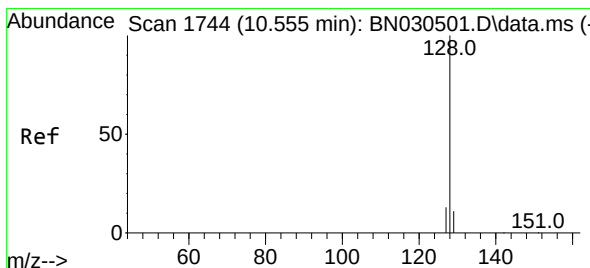
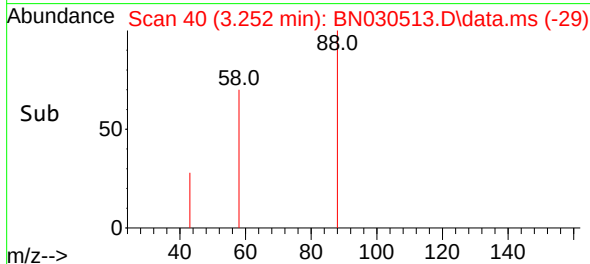
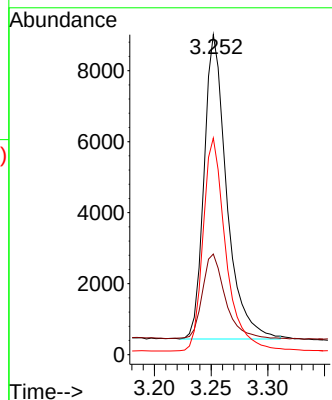
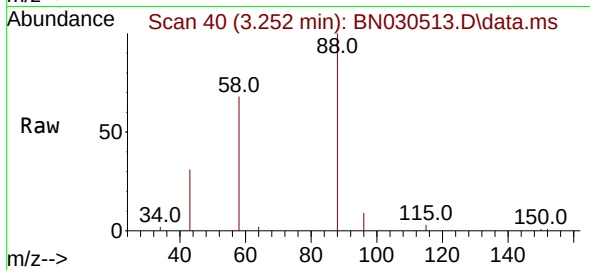




#2
1,4-Dioxane
Concen: 1.928 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

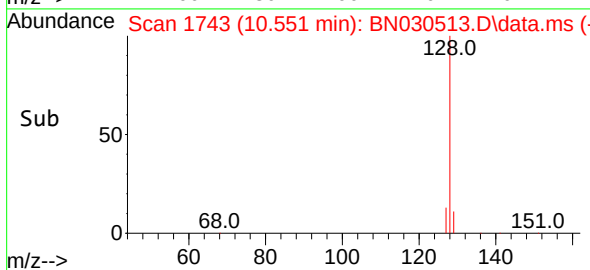
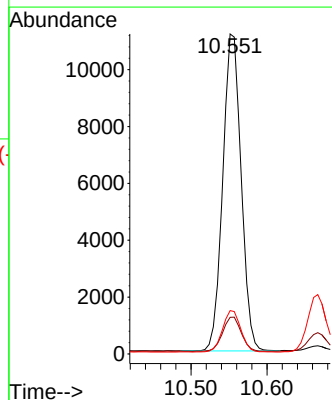
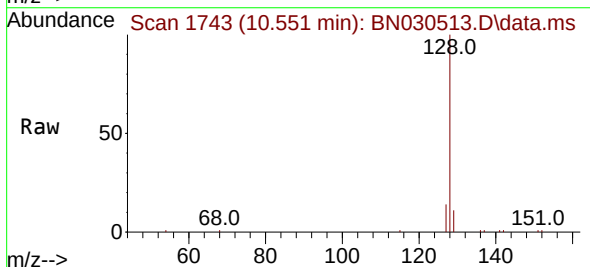
Instrument :
BNA_N
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SLCS784

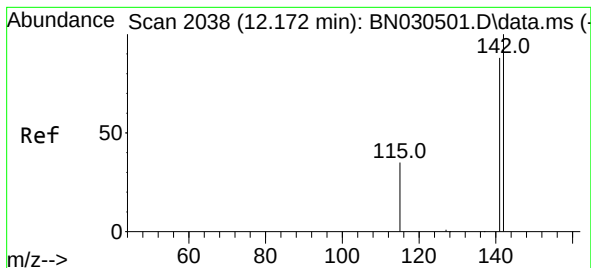
Tgt Ion: 88 Resp: 11899
Ion Ratio Lower Upper
88 100
43 31.5 22.9 34.3
58 67.7 40.3 60.5#



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.551 min Scan# 1743
Delta R.T. -0.004 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

Tgt Ion:128 Resp: 18693
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.6 10.7 16.1

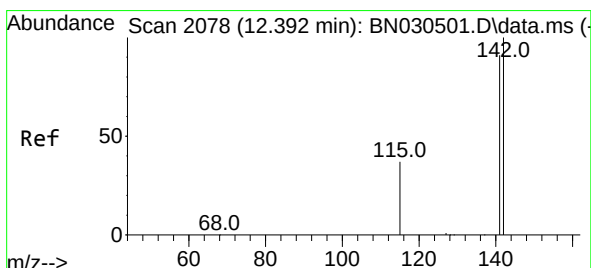
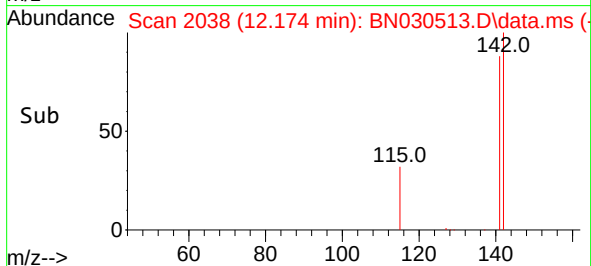
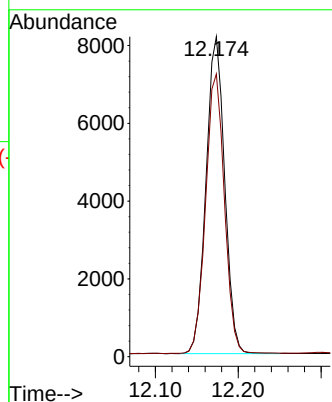
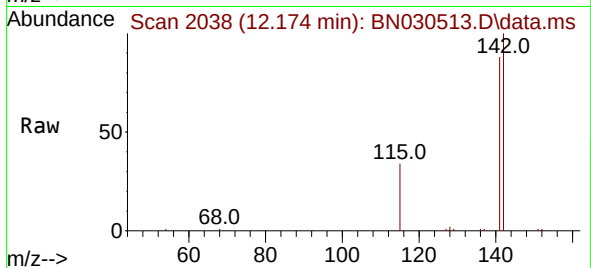




#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.174 min Scan# 2038
Delta R.T. 0.001 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

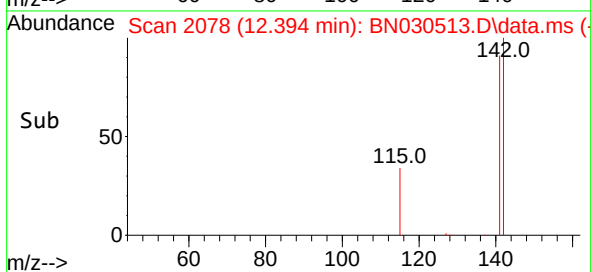
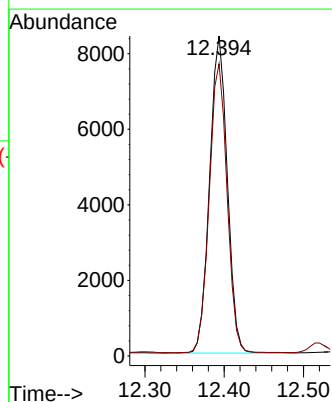
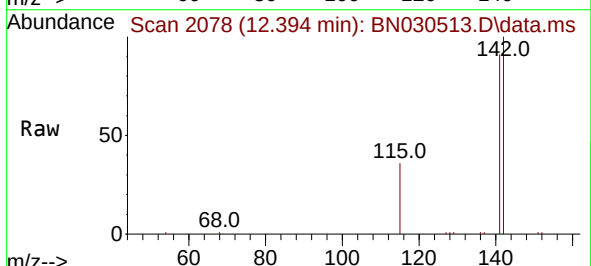
Instrument :
BNA_N
ClientSampleId :
SLCS784

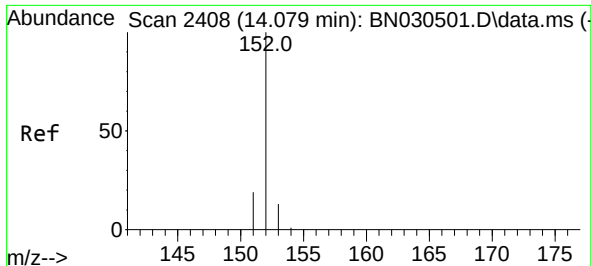
Tgt Ion:142 Resp: 12729
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.394 min Scan# 2078
Delta R.T. 0.001 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

Tgt Ion:142 Resp: 12998
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9

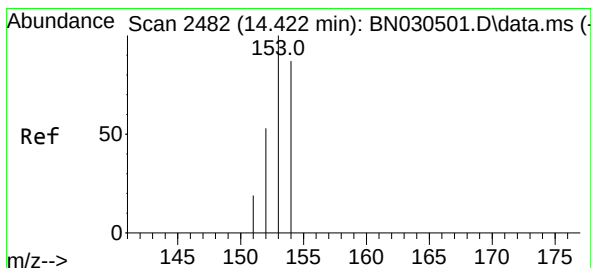
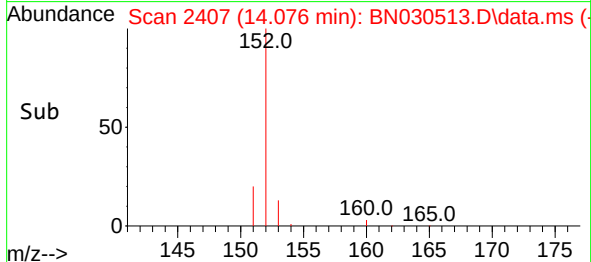
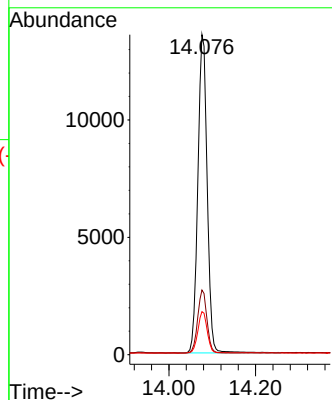
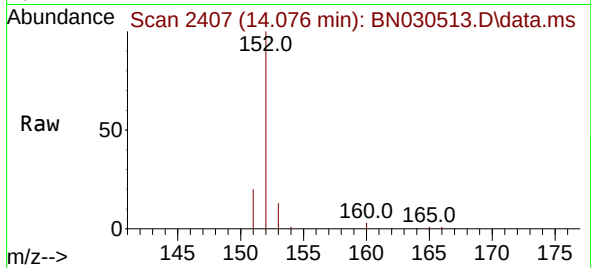




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.076 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

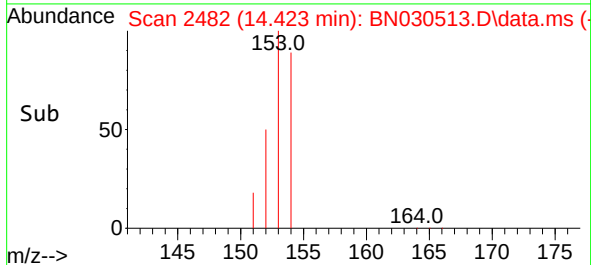
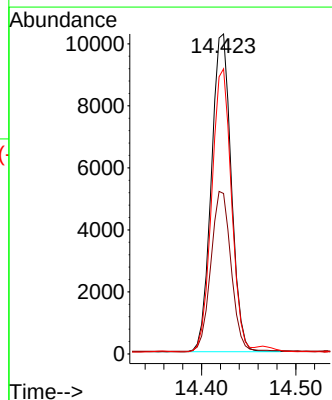
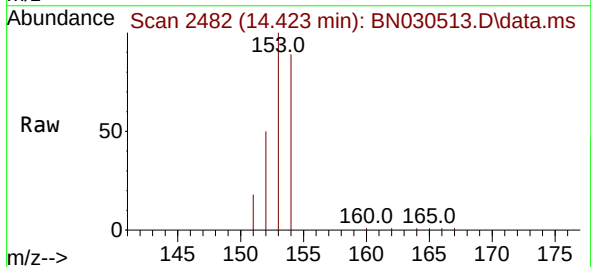
Instrument :
BNA_N
ClientSampleId :
SLCS784

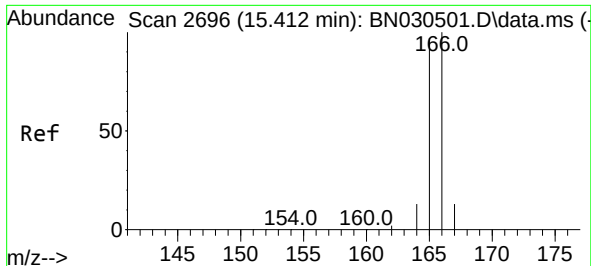
Tgt Ion:	152	Resp:	20287
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	13.5	10.8	16.2



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.423 min Scan# 2482
Delta R.T. 0.001 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

Tgt Ion:	153	Resp:	15031
Ion Ratio	Lower	Upper	
153	100		
152	50.2	42.9	64.3
154	89.1	69.8	104.8

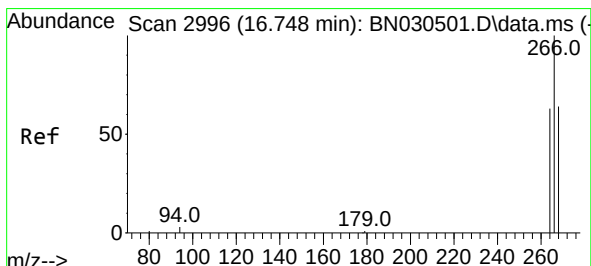
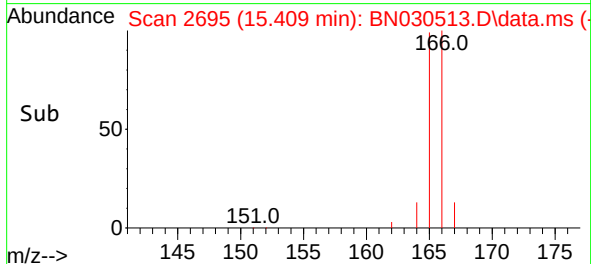
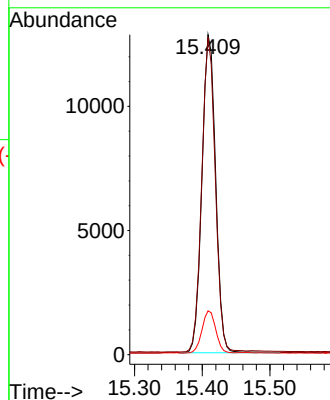
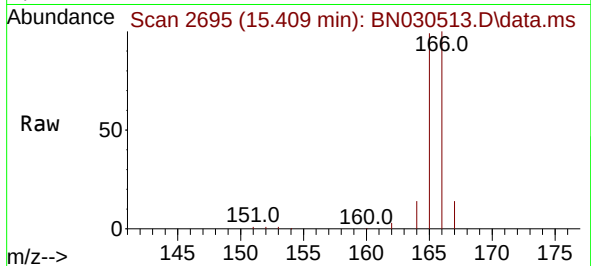




#12
 Fluorene
 Concen: 0.391 ng/ul
 RT: 15.409 min Scan# 2695
 Delta R.T. -0.003 min
 Lab File: BN030513.D
 Acq: 27 Mar 2024 19:55

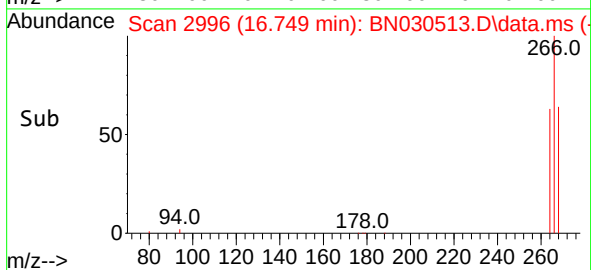
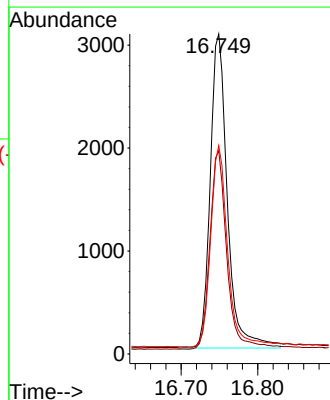
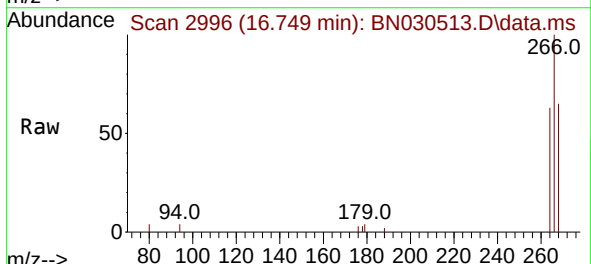
Instrument :
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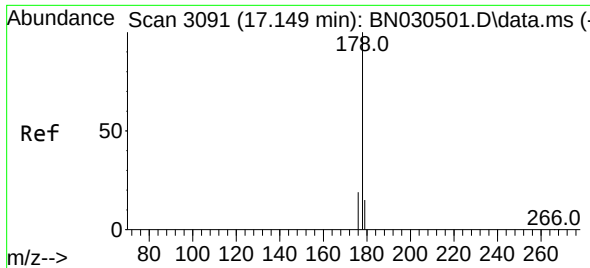
Tgt Ion:166	Resp:	17984
Ion Ratio	Lower	Upper
166	100	
165	99.2	77.5 116.3
167	13.7	11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.971 ng/ul
 RT: 16.749 min Scan# 2996
 Delta R.T. 0.001 min
 Lab File: BN030513.D
 Acq: 27 Mar 2024 19:55

Tgt Ion:266	Resp:	4740
Ion Ratio	Lower	Upper
266	100	
264	62.5	50.0 75.0
268	63.8	51.0 76.6

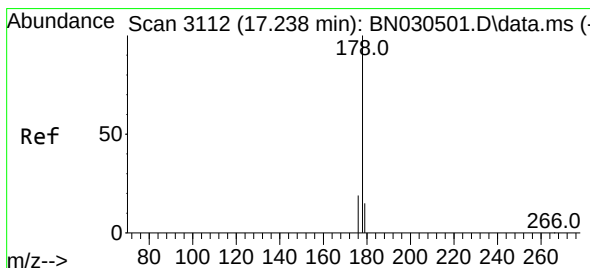
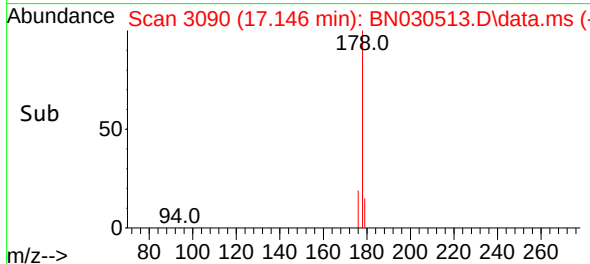
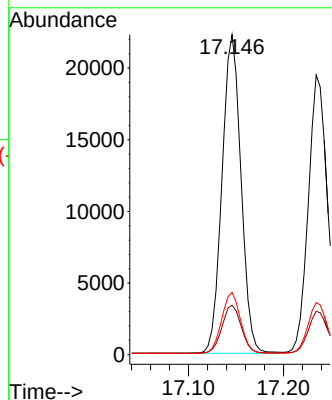
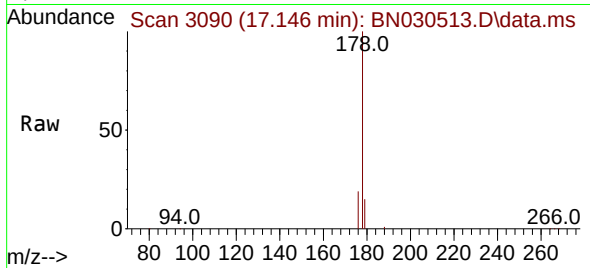




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.146 min Scan# 3090
Delta R.T. -0.003 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

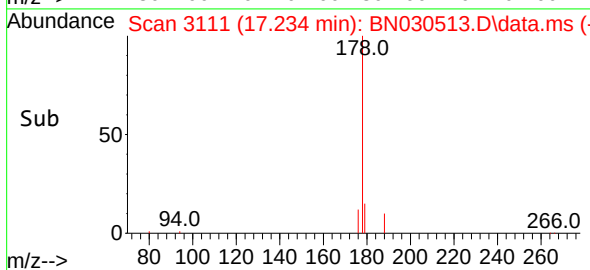
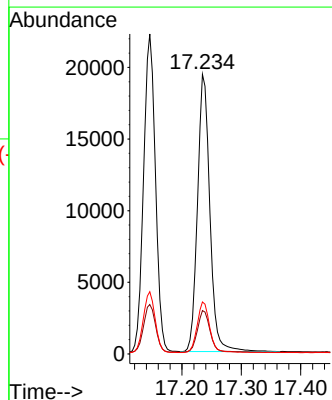
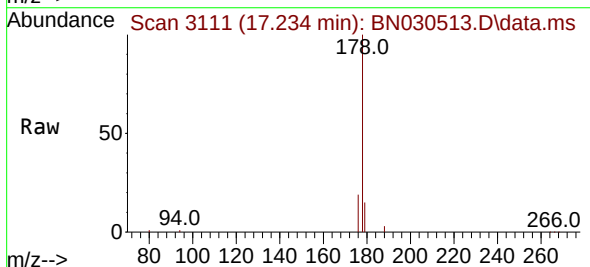
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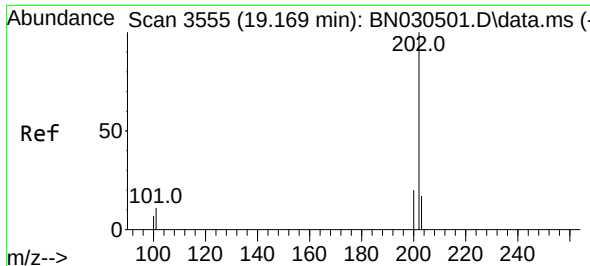
Tgt Ion:178 Resp: 30926
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.4 15.4 23.0



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.234 min Scan# 3111
Delta R.T. -0.003 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

Tgt Ion:178 Resp: 28028
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.6 15.3 22.9

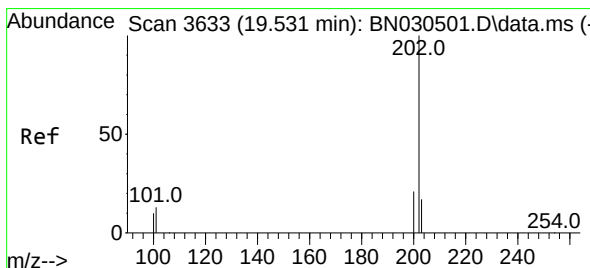
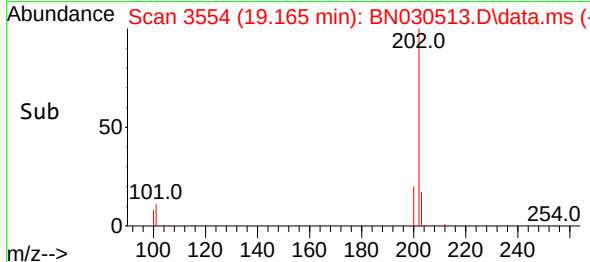
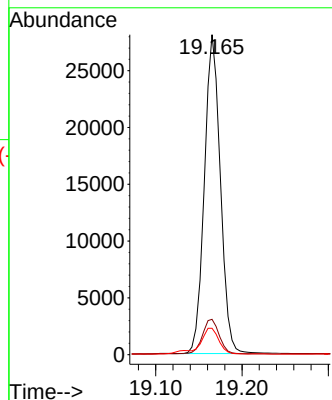
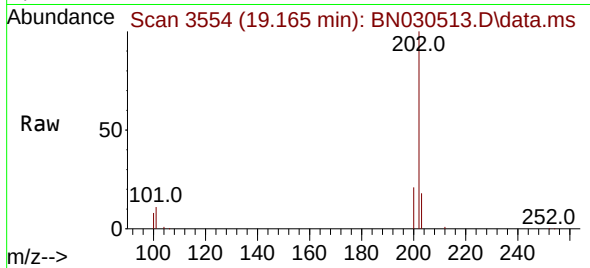




#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.165 min Scan# 3554
Delta R.T. -0.004 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

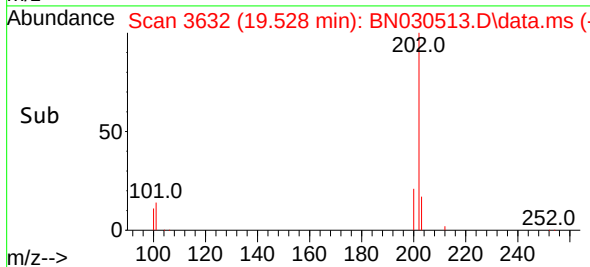
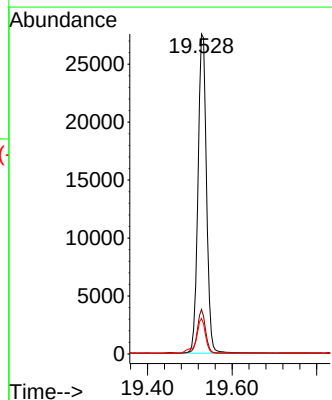
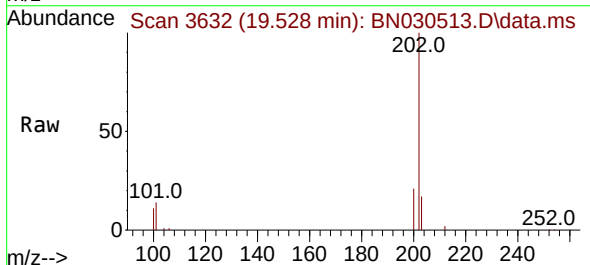
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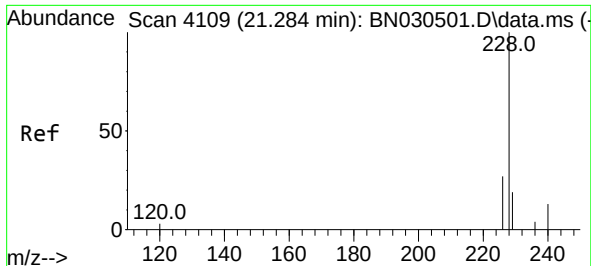
Tgt Ion:202 Resp: 36204
Ion Ratio Lower Upper
202 100
101 11.0 8.8 13.2
100 8.2 6.6 9.8



#20
Pyrene
Concen: 0.414 ng/ul
RT: 19.528 min Scan# 3632
Delta R.T. -0.004 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

Tgt Ion:202 Resp: 38298
Ion Ratio Lower Upper
202 100
101 13.9 10.3 15.5
100 11.0 8.2 12.2

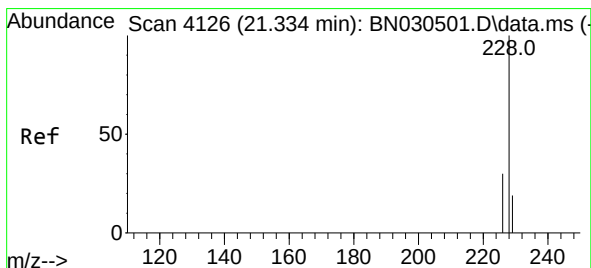
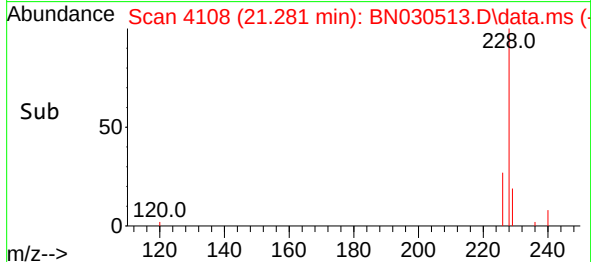
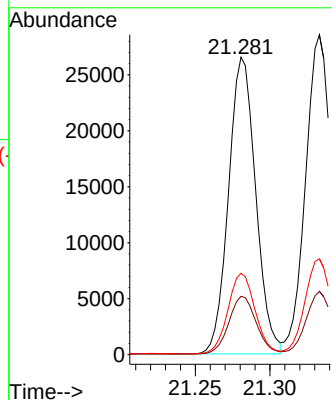
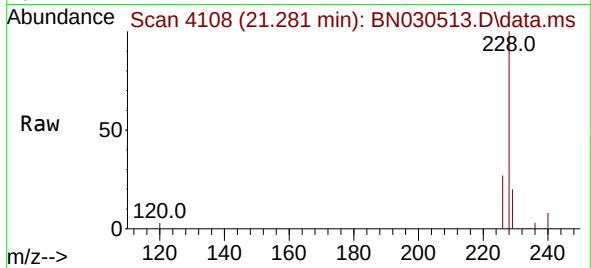




#21
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.281 min Scan# 4109
Delta R.T. -0.004 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

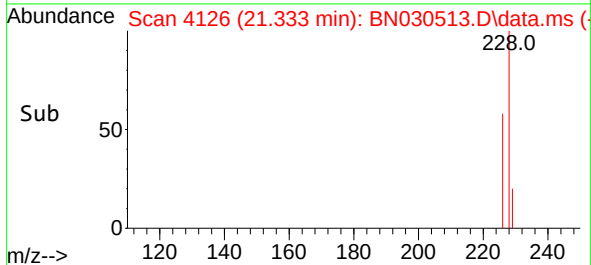
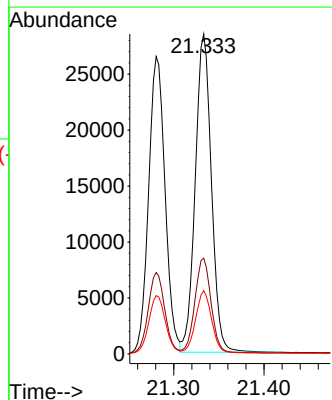
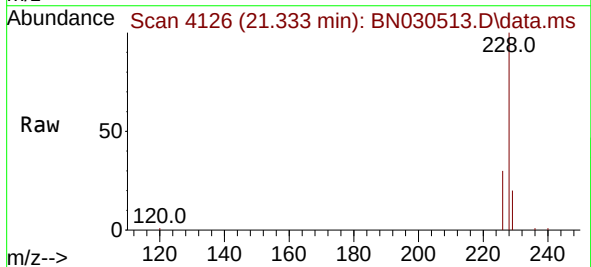
Instrument :
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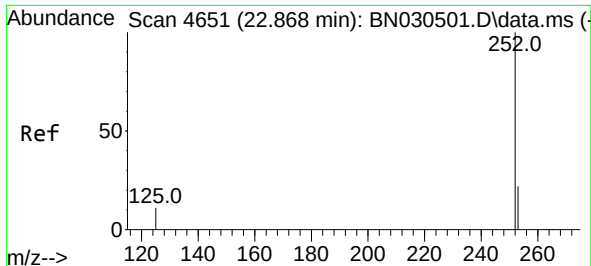
Tgt Ion:228 Resp: 33572
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.4 21.5 32.3



#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.333 min Scan# 4126
Delta R.T. -0.001 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

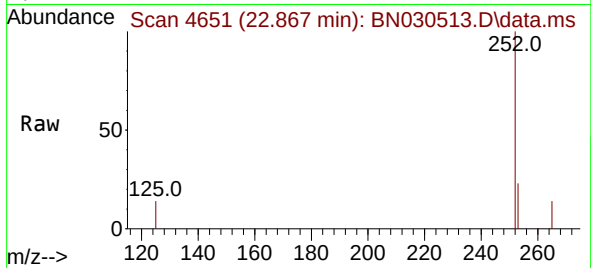
Tgt Ion:228 Resp: 35315
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.8 15.6 23.4



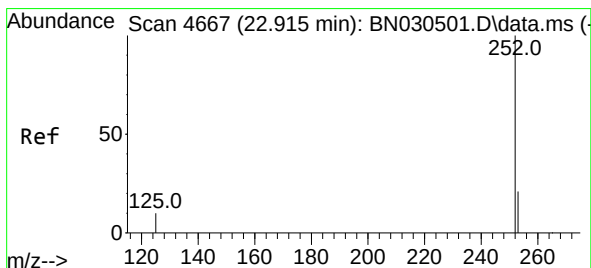
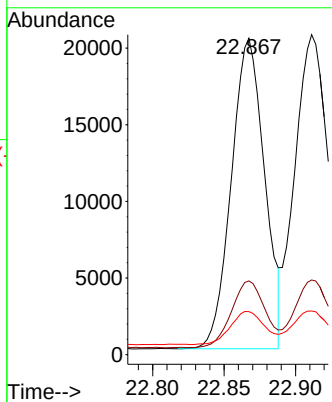


#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul
RT: 22.867 min Scan# 4651
Delta R.T. -0.001 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

Instrument :
BNA_N
ClientSampleId :
SLCS784

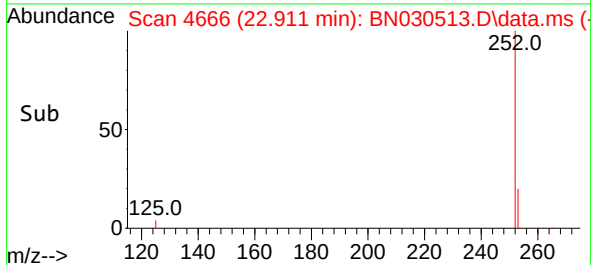
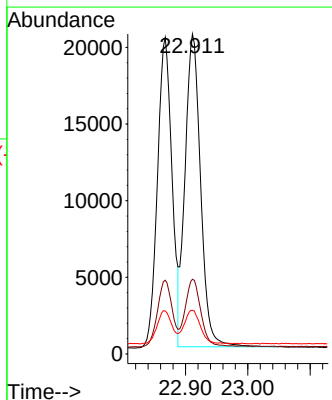
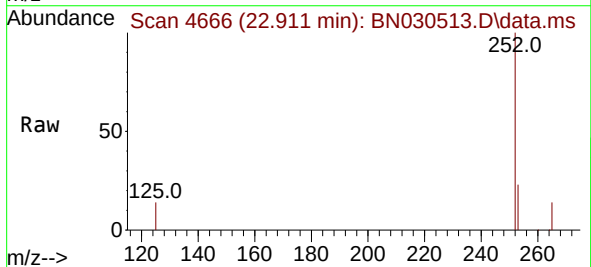


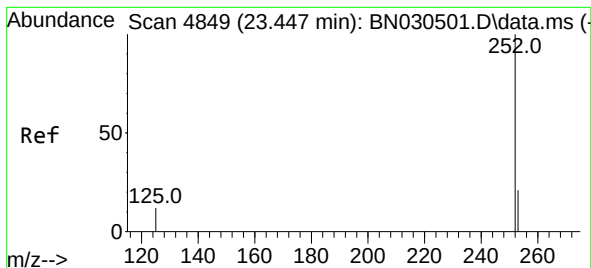
Tgt Ion:252 Resp: 32713
Ion Ratio Lower Upper
252 100
253 23.3 0.0 47.4
125 13.6 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 22.911 min Scan# 4666
Delta R.T. -0.004 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

Tgt Ion:252 Resp: 35293
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.4
125 13.7 11.6 17.4





#26

Benzo(a)pyrene

Concen: 0.435 ng/ul

RT: 23.443 min Scan# 4849

Delta R.T. -0.004 min

Lab File: BN030513.D

Acq: 27 Mar 2024 19:55

Instrument :

BNA_N

ClientSampleId :

SLCS784

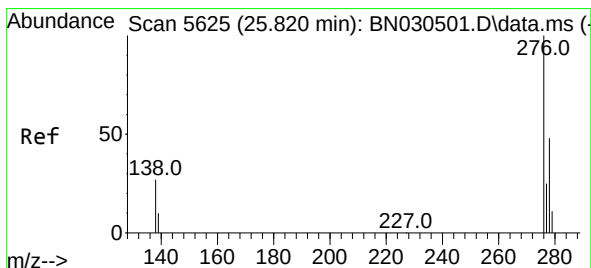
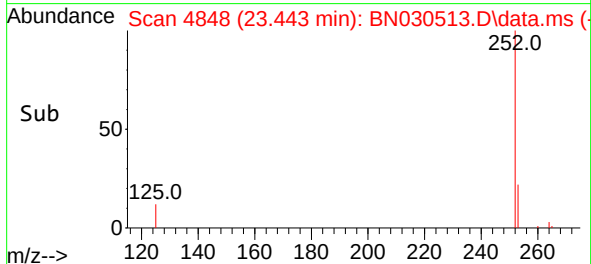
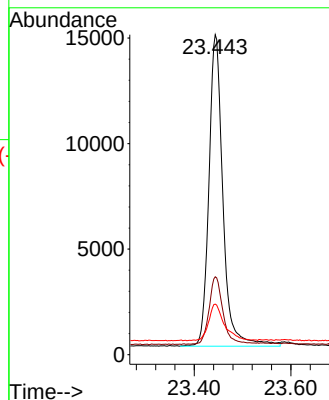
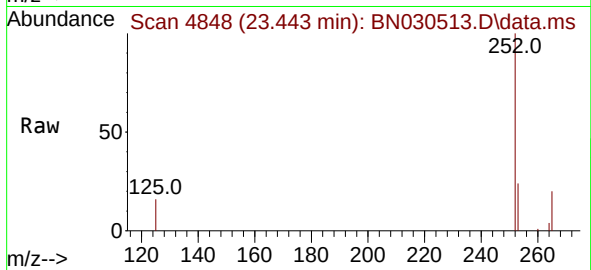
Tgt Ion:252 Resp: 29773

Ion Ratio Lower Upper

252 100

253 24.4 19.6 29.4

125 15.8 14.3 21.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.423 ng/ul

RT: 25.816 min Scan# 5624

Delta R.T. -0.004 min

Lab File: BN030513.D

Acq: 27 Mar 2024 19:55

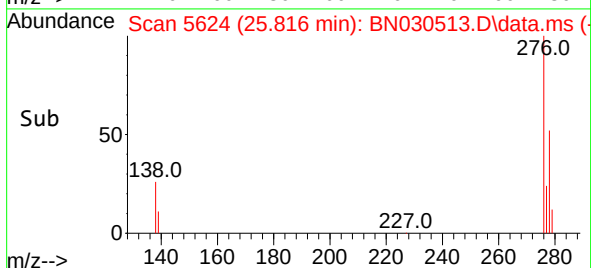
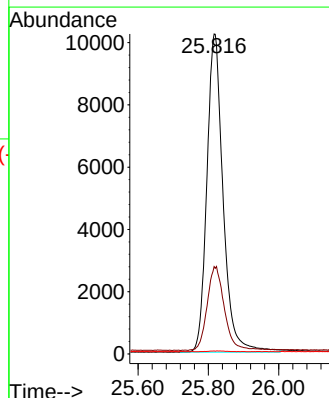
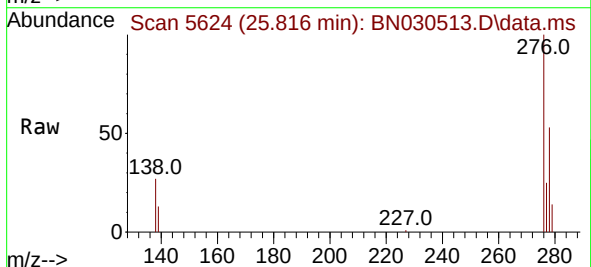
Tgt Ion:276 Resp: 32787

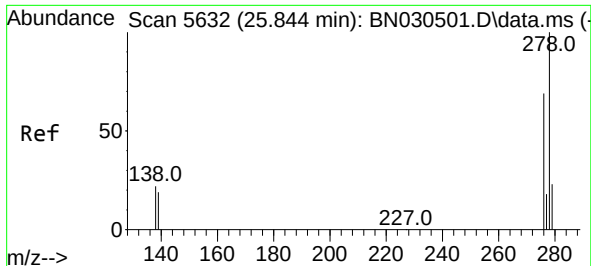
Ion Ratio Lower Upper

276 100

138 28.1 23.3 34.9

227 0.3 0.1 0.1#

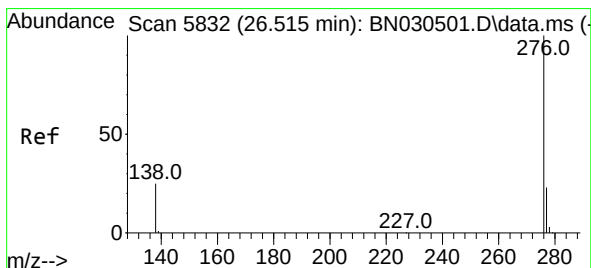
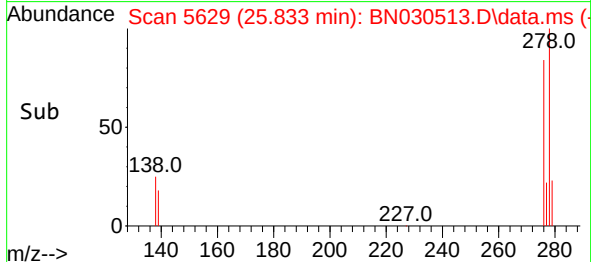
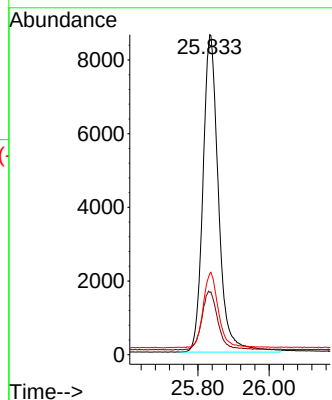
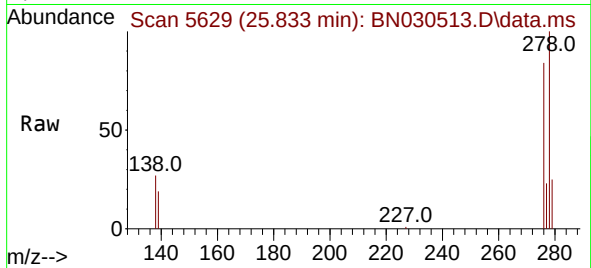




#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 25.833 min Scan# 5629
Delta R.T. -0.011 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

Instrument :
BNA_N
ClientSampleId :
SLCS784

Tgt Ion:278 Resp: 26125
Ion Ratio Lower Upper
278 100
139 19.5 16.5 24.7
279 25.4 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 26.510 min Scan# 5831
Delta R.T. -0.004 min
Lab File: BN030513.D
Acq: 27 Mar 2024 19:55

Tgt Ion:276 Resp: 26364
Ion Ratio Lower Upper
276 100
138 24.9 21.1 31.7
277 24.9 19.8 29.8

