

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032924\
 Data File : BN030529.D
 Acq On : 29 Mar 2024 12:36
 Operator : MA/JU
 Sample : PB159848BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS848

Quant Time: Mar 29 13:01:05 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)

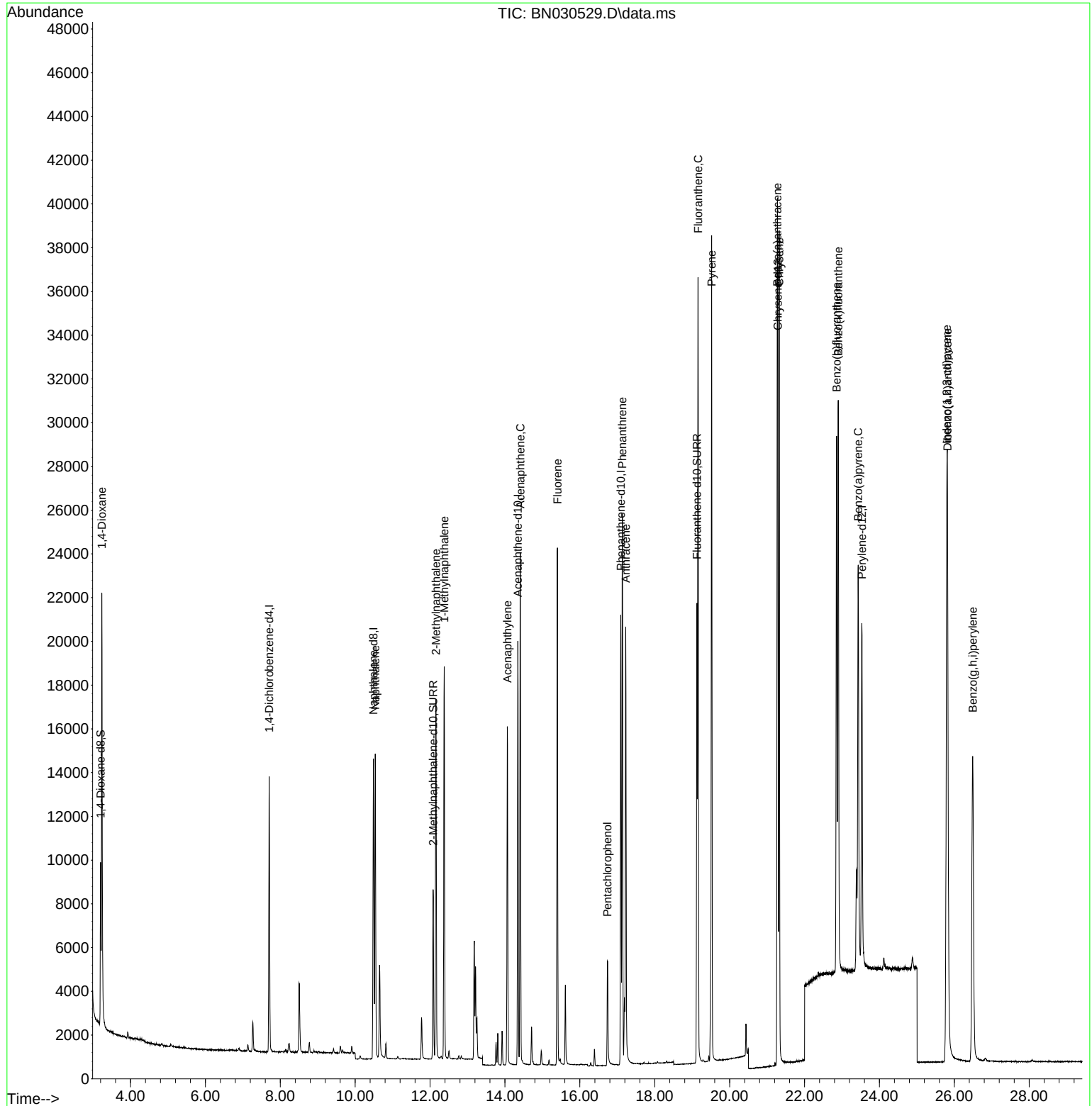
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	6389	0.400	ng/u1	-0.02
4) Naphthalene-d8	10.486	136	18883	0.400	ng/u1	-0.02
9) Acenaphthene-d10	14.346	164	10546	0.400	ng/u1	-0.02
13) Phenanthrene-d10	17.092	188	23598	0.400	ng/u1	-0.02
17) Chrysene-d12	21.287	240	21790	0.400	ng/u1	-0.01
23) Perylene-d12	23.532	264	21475	0.400	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	4947	0.707	ng/u1	-0.02
6) 2-Methylnaphthalene-d10	12.081	152	10388	0.365	ng/u1	-0.02
18) Fluoranthene-d10	19.124	212	22980	0.341	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.236	88	13616	1.919	ng/u1#	86
5) Naphthalene	10.536	128	18871	0.367	ng/u1	100
7) 2-Methylnaphthalene	12.158	142	12271	0.361	ng/u1	100
8) 1-Methylnaphthalene	12.378	142	12389	0.344	ng/u1	100
10) Acenaphthylene	14.063	152	17744	0.373	ng/u1	99
11) Acenaphthene	14.410	153	13519	0.365	ng/u1	97
12) Fluorene	15.400	166	15423	0.353	ng/u1	99
14) Pentachlorophenol	16.737	266	3507	0.813	ng/u1	100
15) Phenanthrene	17.134	178	26252	0.371	ng/u1	100
16) Anthracene	17.227	178	22407	0.376	ng/u1	99
19) Fluoranthene	19.157	202	30411	0.338	ng/u1	100
20) Pyrene	19.519	202	31284	0.354	ng/u1	99
21) Benzo(a)anthracene	21.273	228	29744	0.396	ng/u1	99
22) Chrysene	21.322	228	31699	0.382	ng/u1	100
24) Benzo(b)fluoranthene	22.854	252	31587	0.361	ng/u1	99
25) Benzo(k)fluoranthene	22.900	252	33777	0.366	ng/u1	99
26) Benzo(a)pyrene	23.433	252	28366	0.400	ng/u1	99
27) Indeno(1,2,3-cd)pyrene	25.800	276	36751	0.458	ng/u1#	99
28) Dibenzo(a,h)anthracene	25.817	278	29381	0.461	ng/u1	98
29) Benzo(g,h,i)perylene	26.491	276	29897	0.439	ng/u1	98

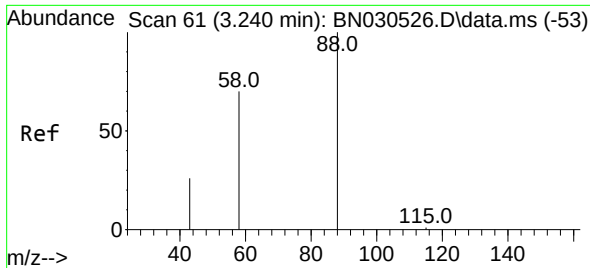
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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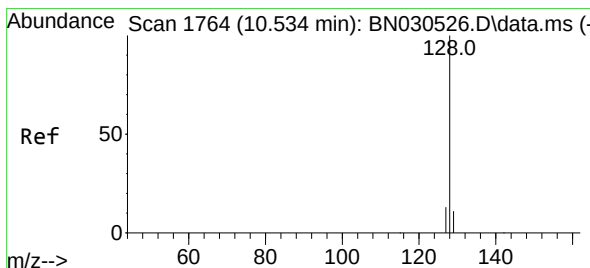
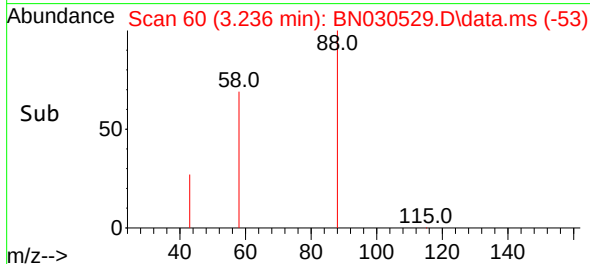
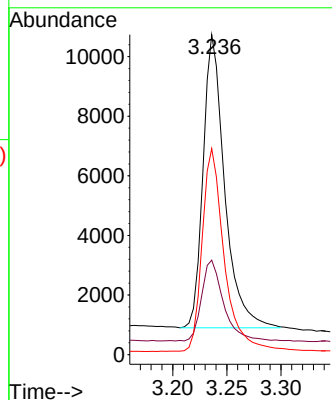
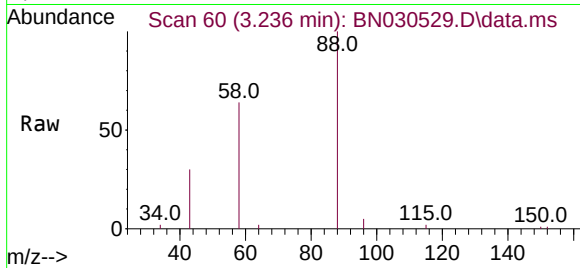




#2
1,4-Dioxane
Concen: 1.919 ng/ul
RT: 3.236 min Scan# 60
Delta R.T. -0.020 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

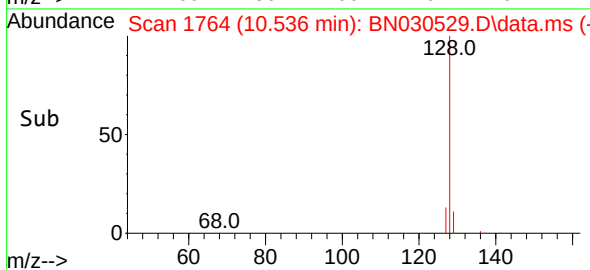
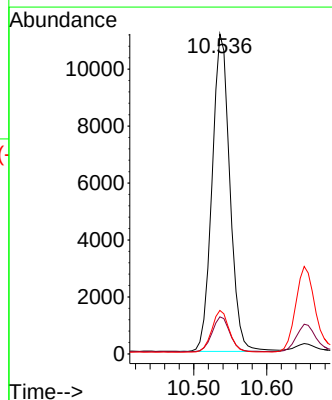
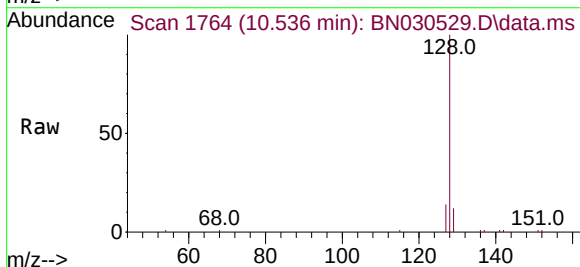
Instrument :
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ClientSampleId :
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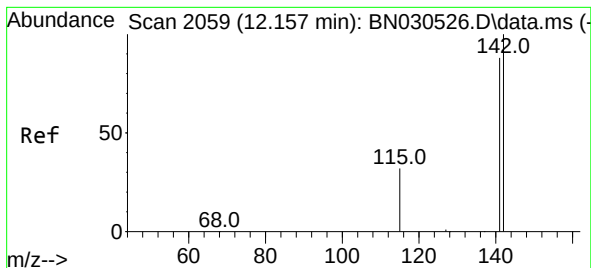
Tgt Ion: 88 Resp: 13616
Ion Ratio Lower Upper
88 100
43 29.5 22.9 34.3
58 64.4 40.3 60.5#



#5
Naphthalene
Concen: 0.367 ng/ul
RT: 10.536 min Scan# 1764
Delta R.T. -0.020 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

Tgt Ion: 128 Resp: 18871
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 10.7 16.1

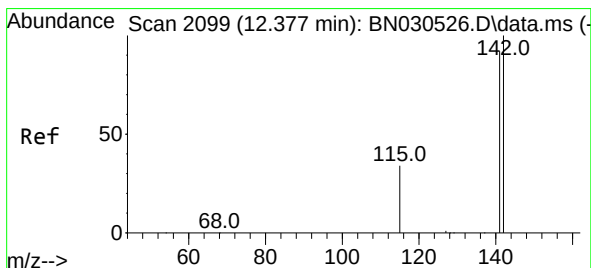
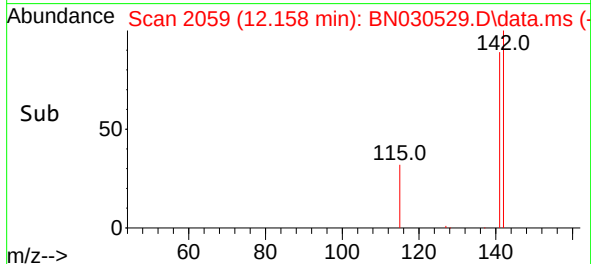
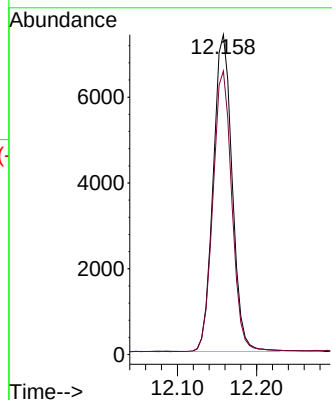
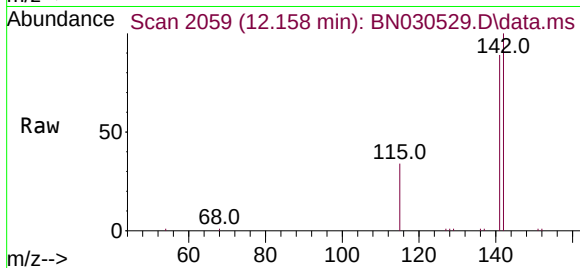




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.158 min Scan# 2059
Delta R.T. -0.014 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

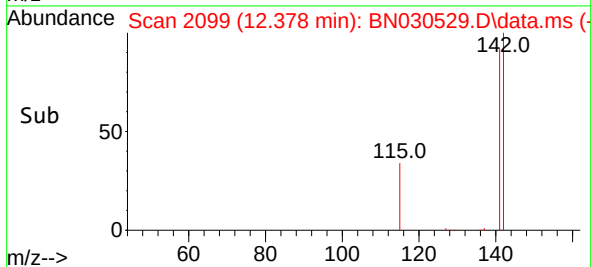
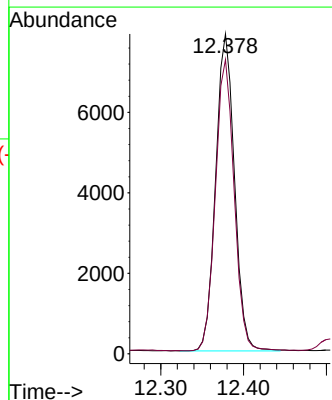
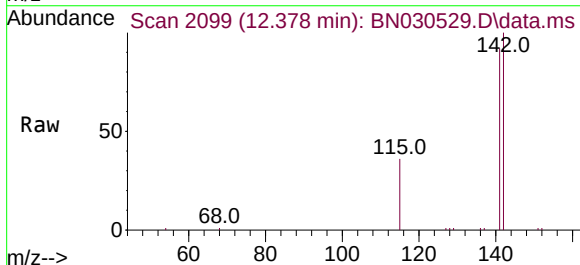
Instrument :
BNA_N
ClientSampleId :
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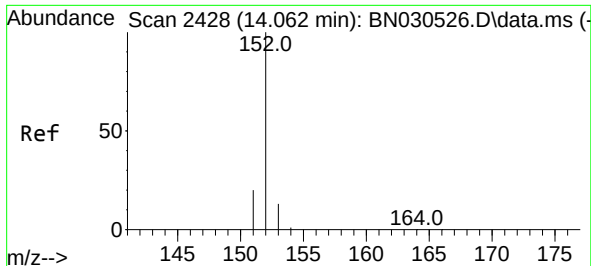
Tgt Ion:142 Resp: 12271
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.378 min Scan# 2099
Delta R.T. -0.014 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

Tgt Ion:142 Resp: 12389
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

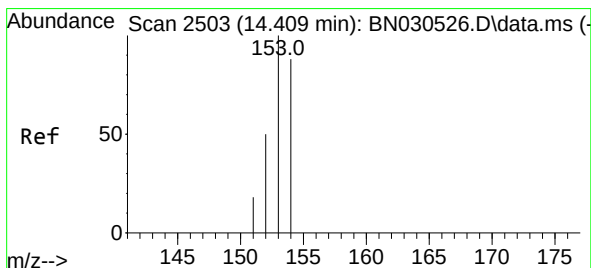
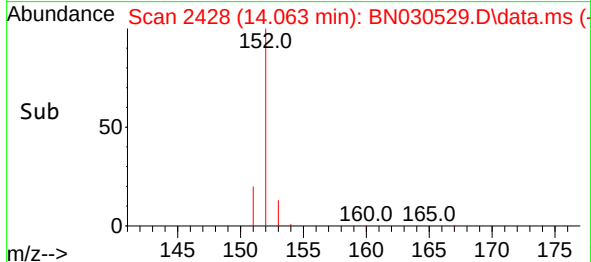
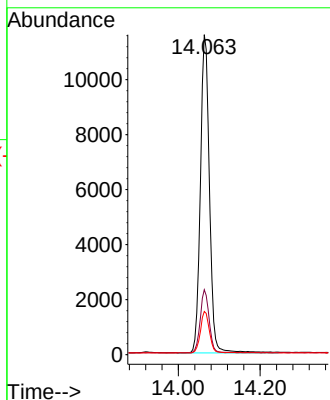
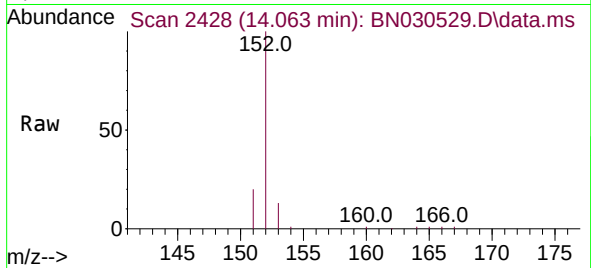




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.063 min Scan# 2428
Delta R.T. -0.016 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

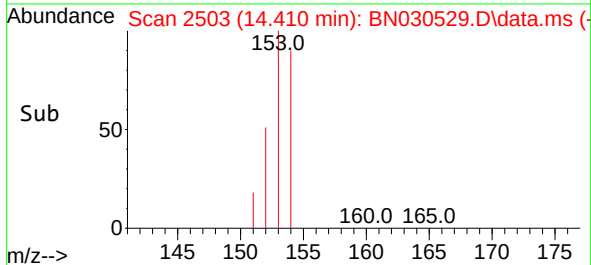
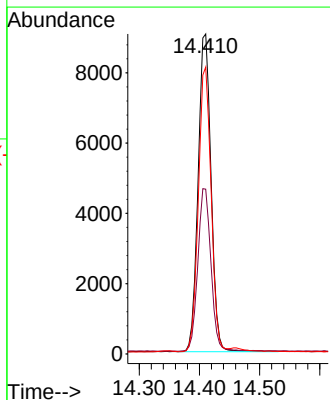
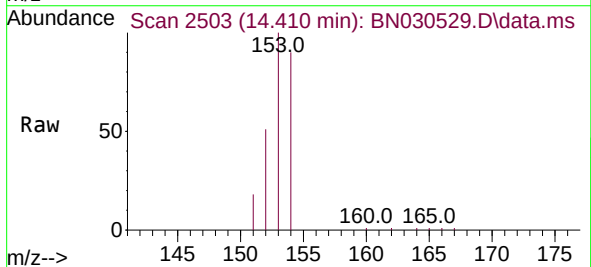
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ClientSampleId :
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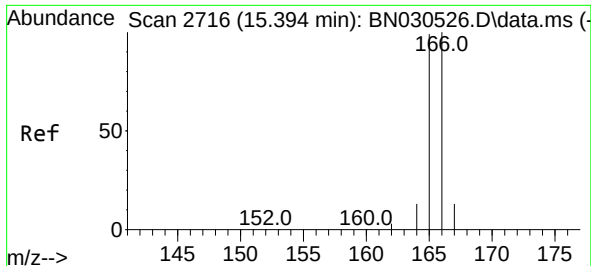
Tgt Ion:152 Resp: 17744
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.410 min Scan# 2503
Delta R.T. -0.011 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

Tgt Ion:153 Resp: 13519
Ion Ratio Lower Upper
153 100
152 51.5 42.9 64.3
154 89.6 69.8 104.8

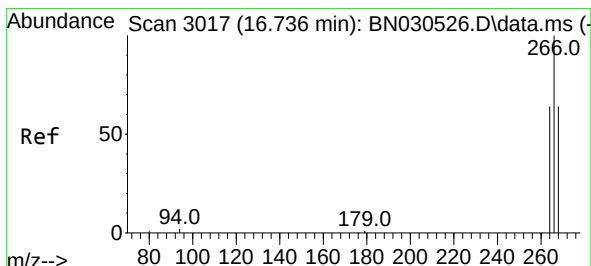
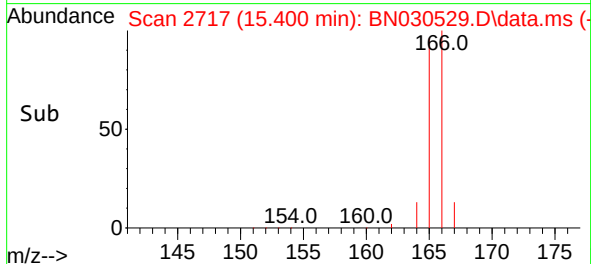
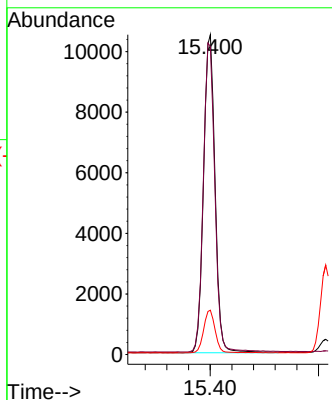
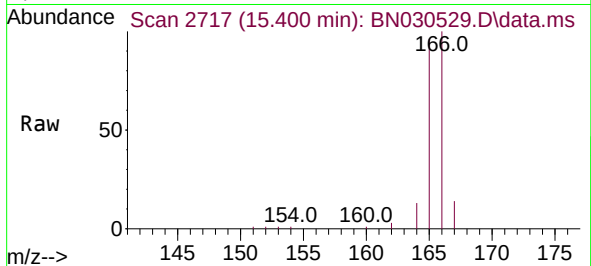




#12
 Fluorene
 Concen: 0.353 ng/ul
 RT: 15.400 min Scan# 2716
 Delta R.T. -0.011 min
 Lab File: BN030529.D
 Acq: 29 Mar 2024 12:36

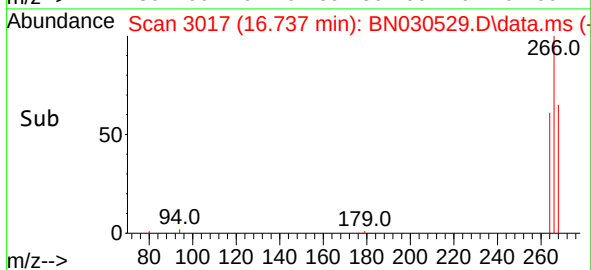
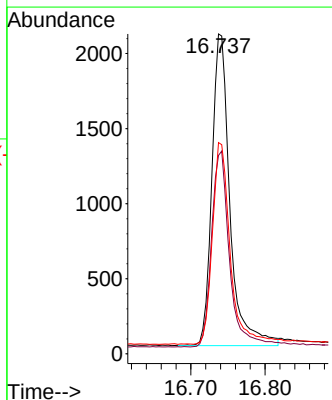
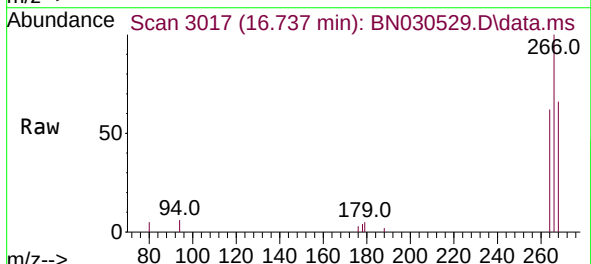
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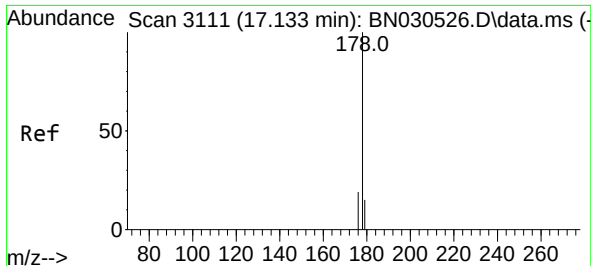
Tgt Ion:166 Resp: 15423
 Ion Ratio Lower Upper
 166 100
 165 96.3 77.5 116.3
 167 13.9 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.813 ng/ul
 RT: 16.737 min Scan# 3017
 Delta R.T. -0.011 min
 Lab File: BN030529.D
 Acq: 29 Mar 2024 12:36

Tgt Ion:266 Resp: 3507
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.0 75.0
 268 63.9 51.0 76.6

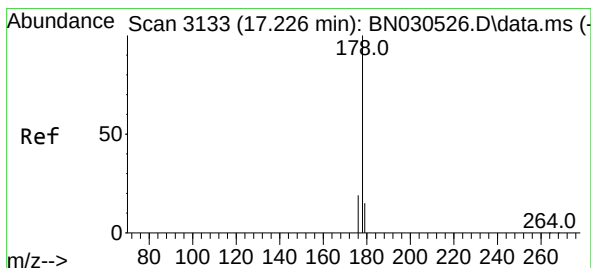
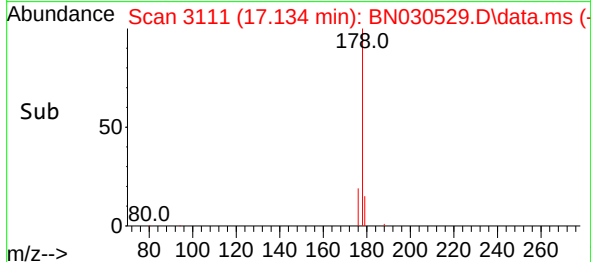
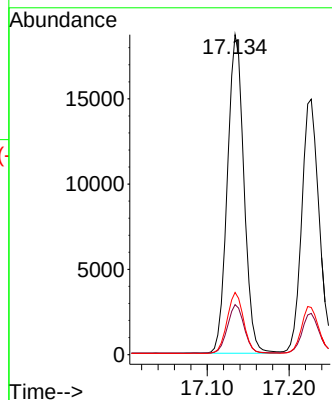
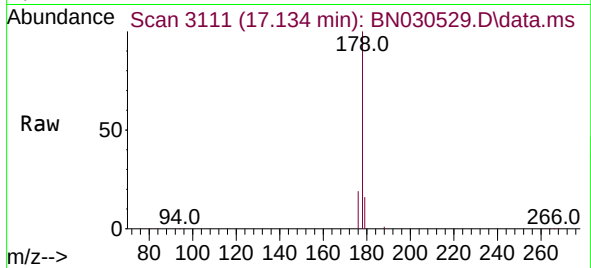




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.015 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

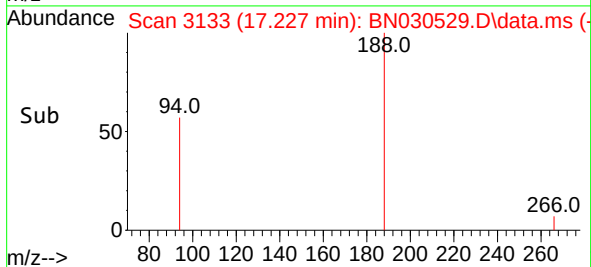
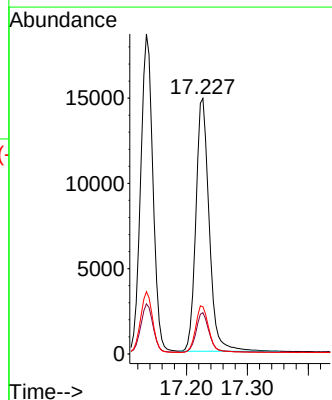
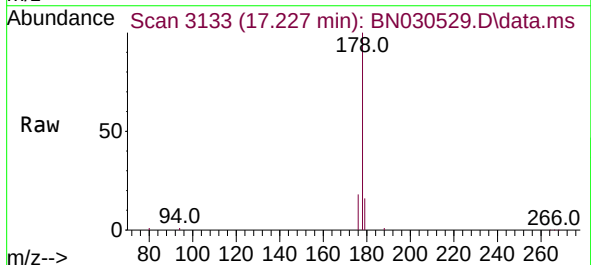
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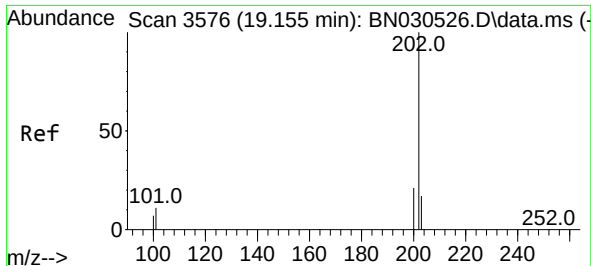
Tgt Ion:178 Resp: 26252
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.4 15.4 23.0



#16
Anthracene
Concen: 0.376 ng/ul
RT: 17.227 min Scan# 3133
Delta R.T. -0.011 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

Tgt Ion:178 Resp: 22407
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 18.4 15.3 22.9

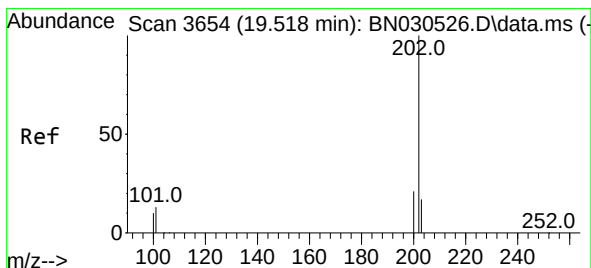
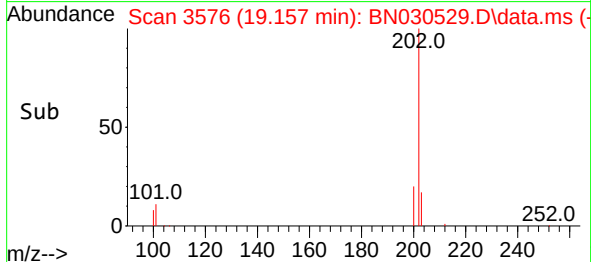
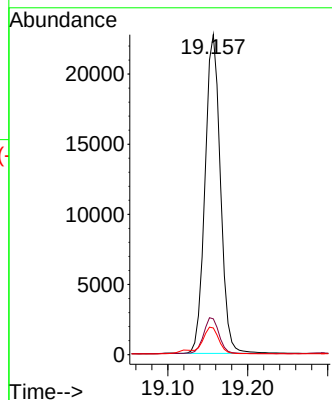
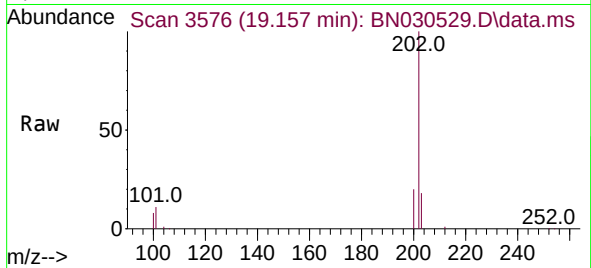




#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.157 min Scan# 3576
Delta R.T. -0.012 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

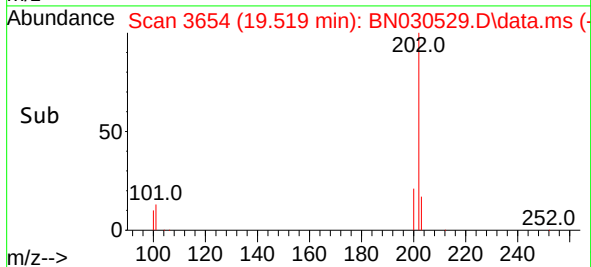
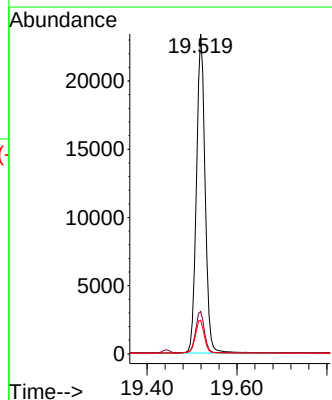
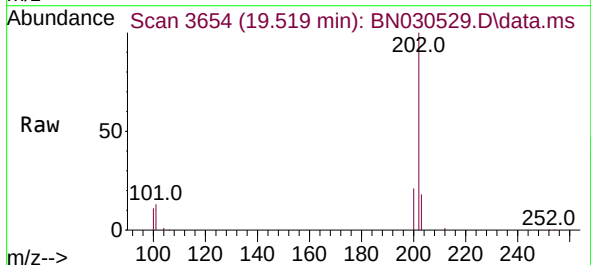
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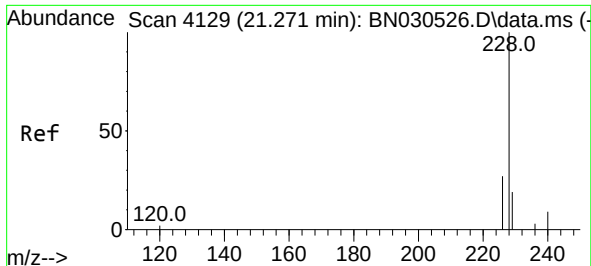
Tgt Ion:202 Resp: 30411
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.3 6.6 9.8



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.519 min Scan# 3654
Delta R.T. -0.012 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

Tgt Ion:202 Resp: 31284
Ion Ratio Lower Upper
202 100
101 13.2 10.3 15.5
100 10.5 8.2 12.2

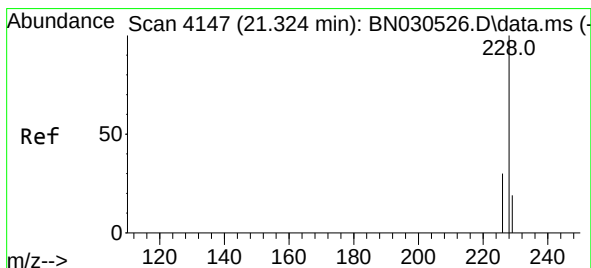
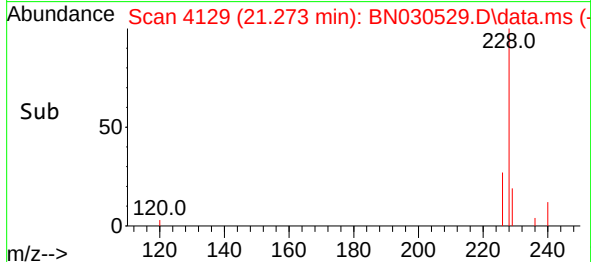
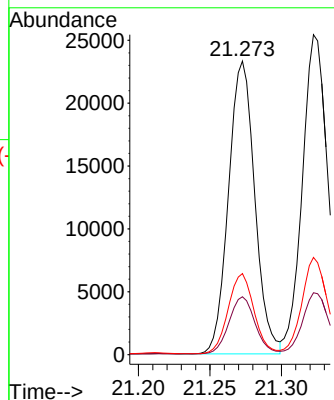
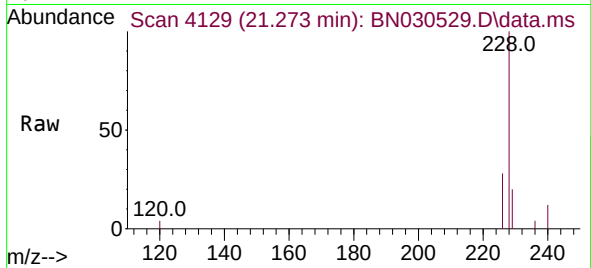




#21
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.273 min Scan# 4129
Delta R.T. -0.011 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

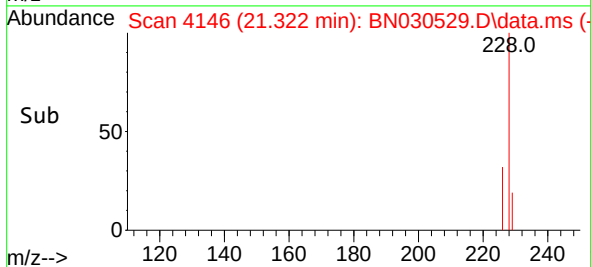
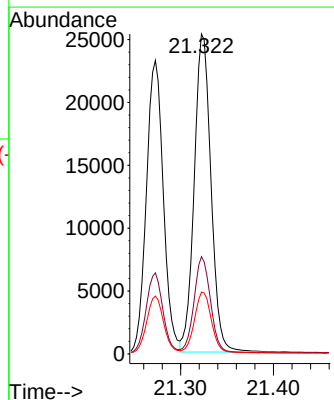
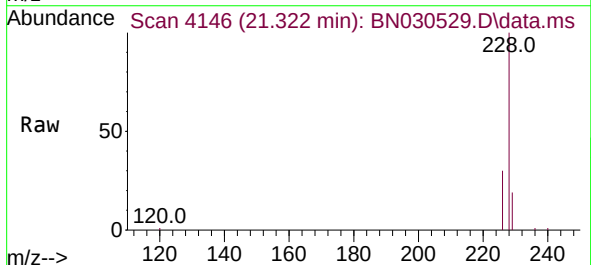
Instrument :
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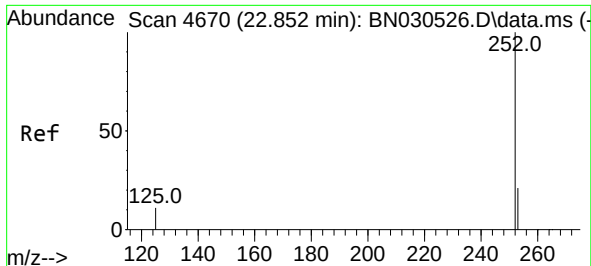
Tgt Ion:228 Resp: 29744
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.6 21.5 32.3



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.322 min Scan# 4146
Delta R.T. -0.011 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

Tgt Ion:228 Resp: 31699
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 19.3 15.6 23.4

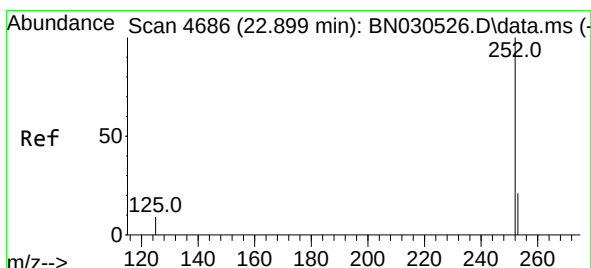
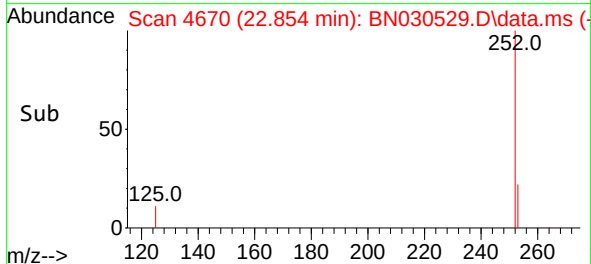
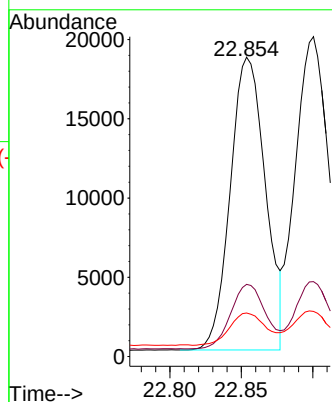
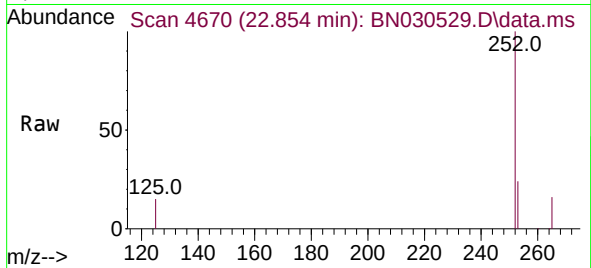




#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 22.854 min Scan# 4670
Delta R.T. -0.014 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

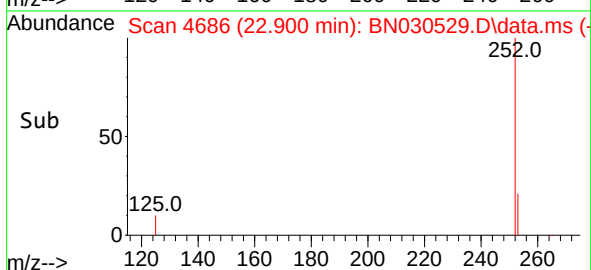
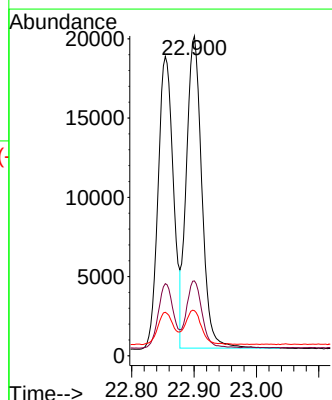
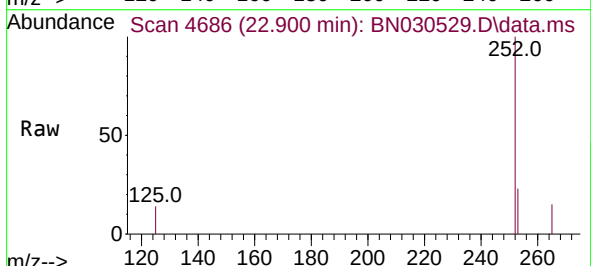
Instrument :
BNA_N
ClientSampleId :
SLCS848

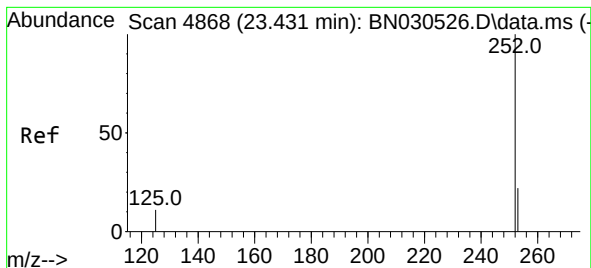
Tgt Ion:252 Resp: 31587
Ion Ratio Lower Upper
252 100
253 24.1 0.0 47.4
125 14.6 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 22.900 min Scan# 4686
Delta R.T. -0.014 min
Lab File: BN030529.D
Acq: 29 Mar 2024 12:36

Tgt Ion:252 Resp: 33777
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.4
125 14.1 11.6 17.4





#26

Benzo(a)pyrene

Concen: 0.400 ng/ul

RT: 23.433 min Scan# 4868

Delta R.T. -0.014 min

Lab File: BN030529.D

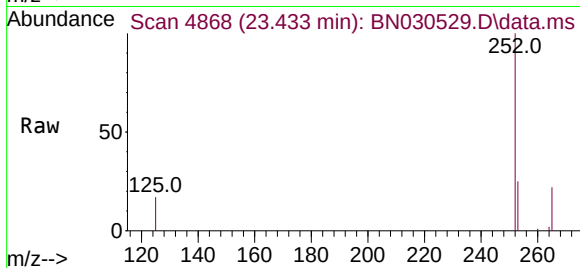
Acq: 29 Mar 2024 12:36

Instrument :

BNA_N

ClientSampleId :

SLCS848



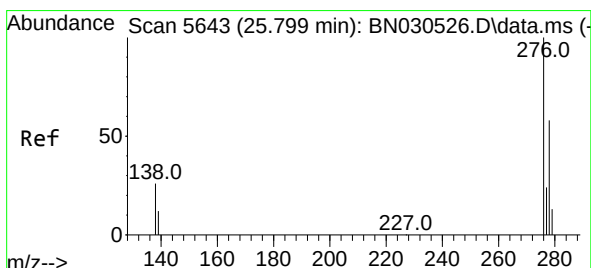
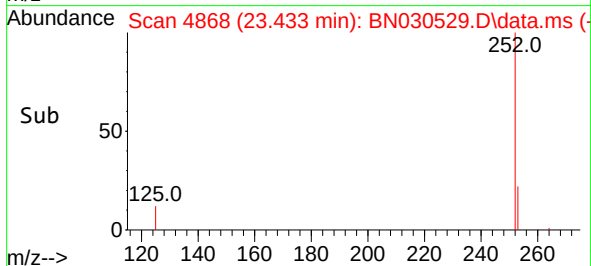
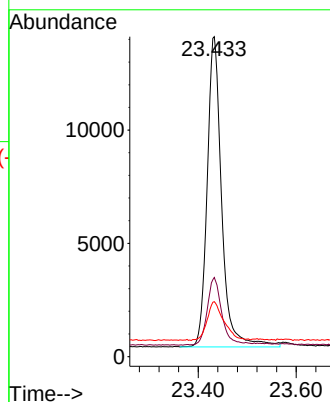
Tgt Ion:252 Resp: 28366

Ion Ratio Lower Upper

252 100

253 24.7 19.6 29.4

125 17.2 14.3 21.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.458 ng/ul

RT: 25.800 min Scan# 5643

Delta R.T. -0.020 min

Lab File: BN030529.D

Acq: 29 Mar 2024 12:36

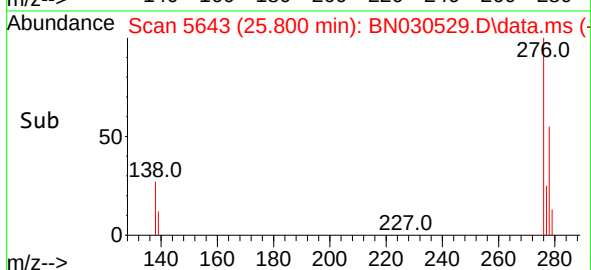
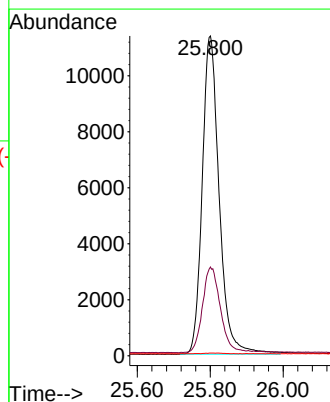
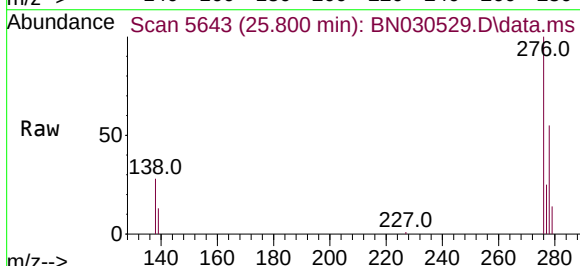
Tgt Ion:276 Resp: 36751

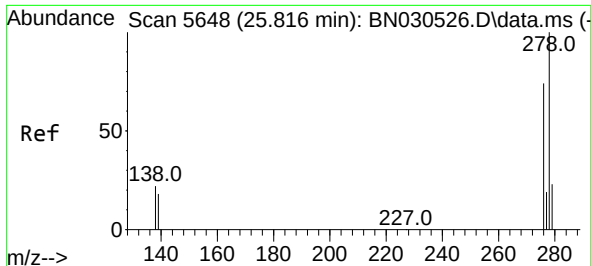
Ion Ratio Lower Upper

276 100

138 28.8 23.3 34.9

227 0.2 0.1 0.1#

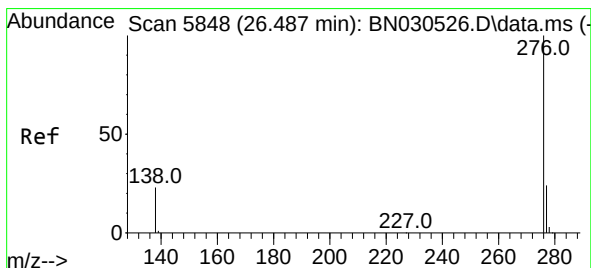
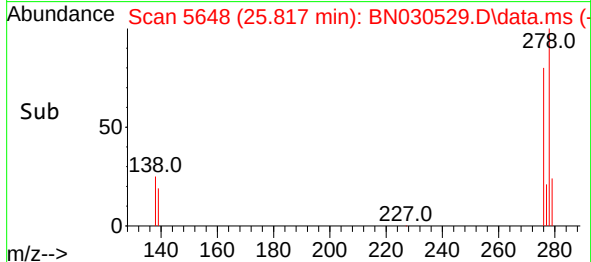
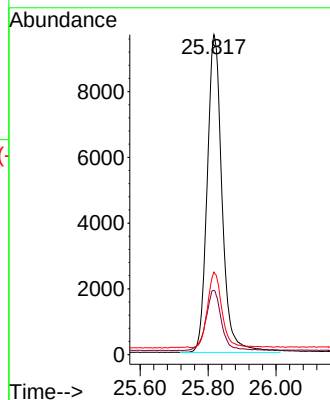
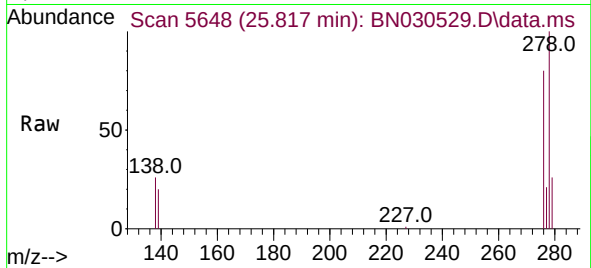




#28
 Dibenzo(a,h)anthracene
 Concen: 0.461 ng/ul
 RT: 25.817 min Scan# 5648
 Delta R.T. -0.027 min
 Lab File: BN030529.D
 Acq: 29 Mar 2024 12:36

Instrument :
 BNA_N
 ClientSampleId :
 SLCS848

Tgt Ion:	278	Resp:	29381
Ion Ratio	Lower	Upper	
278	100		
139	20.1	16.5	24.7
279	25.8	21.6	32.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.439 ng/ul
 RT: 26.491 min Scan# 5849
 Delta R.T. -0.023 min
 Lab File: BN030529.D
 Acq: 29 Mar 2024 12:36

Tgt Ion:	276	Resp:	29897
Ion Ratio	Lower	Upper	
276	100		
138	24.9	21.1	31.7
277	24.2	19.8	29.8

