

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030147.D
 Acq On : 29 Feb 2024 01:39
 Operator : MA/JU
 Sample : PB159153BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS153

Quant Time: Feb 29 02:39:28 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

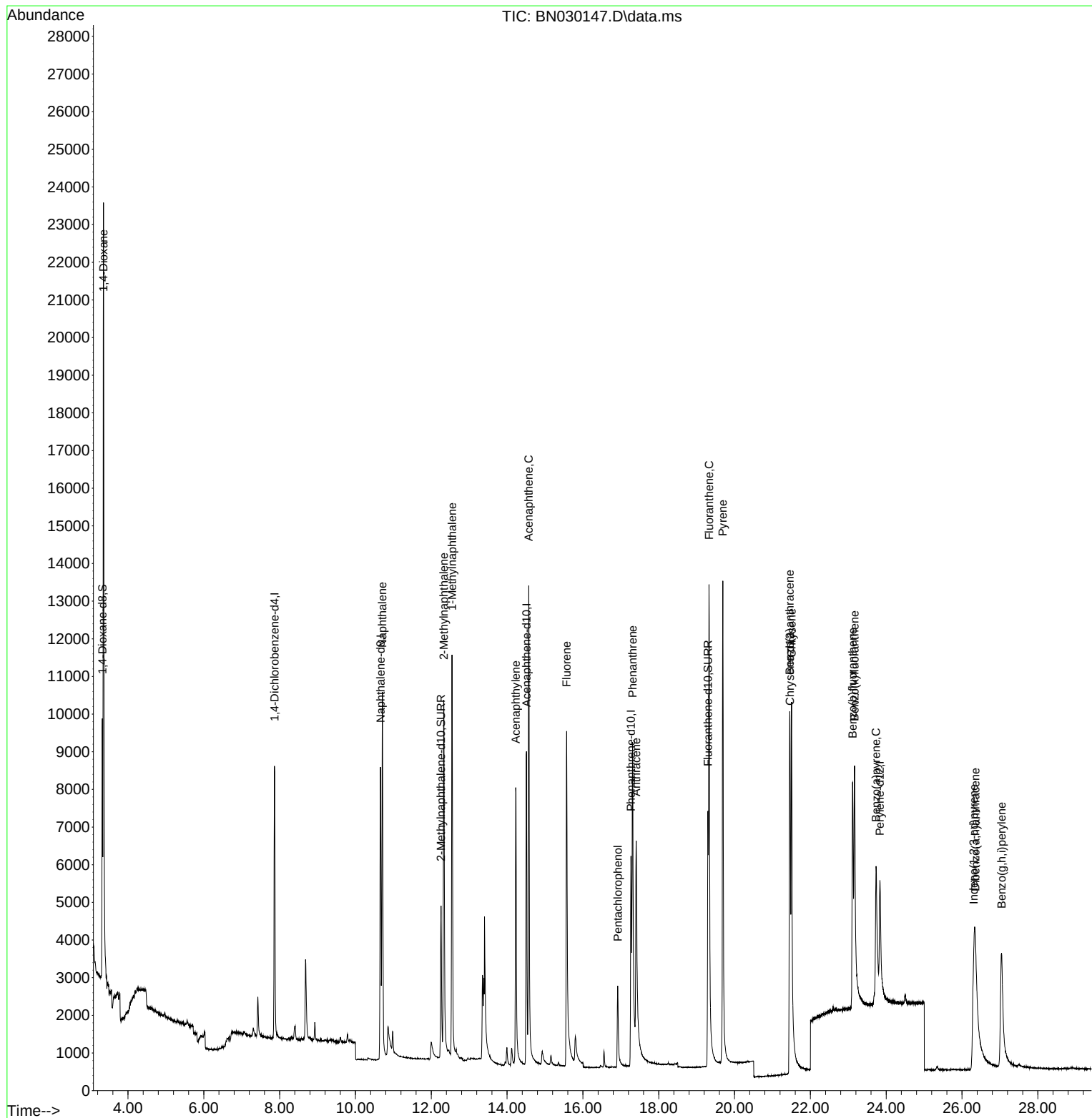
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	3989	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	11750	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.511	164	5469	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.268	188	9129	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	6100	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	5281	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	4246	0.854	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	6338	0.424	ng/ul	0.01
18) Fluoranthene-d10	19.299	212	9672	0.482	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	13658	2.522	ng/ul#	81
5) Naphthalene	10.711	128	14168	0.428	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	7991	0.421	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	7960	0.412	ng/ul	99
10) Acenaphthylene	14.229	152	11087	0.415	ng/ul	98
11) Acenaphthene	14.571	153	8786	0.433	ng/ul	99
12) Fluorene	15.570	166	8747	0.412	ng/ul	97
14) Pentachlorophenol	16.917	266	2021	0.993	ng/ul#	49
15) Phenanthrene	17.310	178	12163	0.426	ng/ul	98
16) Anthracene	17.407	178	10297	0.429	ng/ul	98
19) Fluoranthene	19.327	202	13209	0.471	ng/ul	99
20) Pyrene	19.690	202	13819	0.481	ng/ul	99
21) Benzo(a)anthracene	21.454	228	9026	0.410	ng/ul	99
22) Chrysene	21.504	228	10840	0.450	ng/ul	100
24) Benzo(b)fluoranthene	23.111	252	9656	0.486	ng/ul	99
25) Benzo(k)fluoranthene	23.164	252	11849	0.538	ng/ul	98
26) Benzo(a)pyrene	23.734	252	9276	0.496	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.310	276	11014	0.486	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.354	278	8479	0.477	ng/ul#	90
29) Benzo(g,h,i)perylene	27.045	276	10189	0.495	ng/ul	96

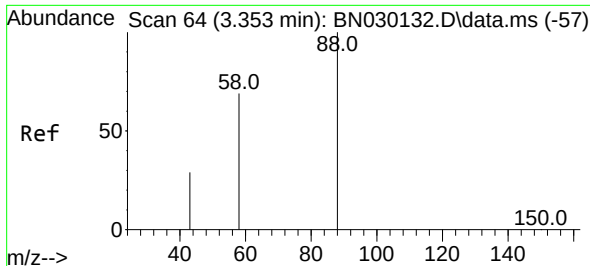
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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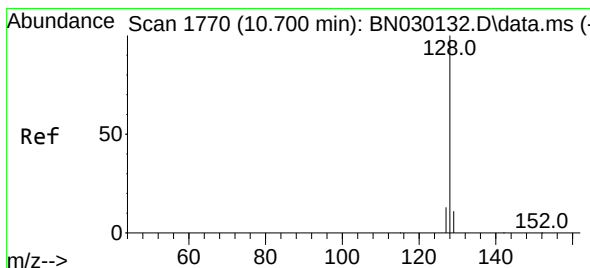
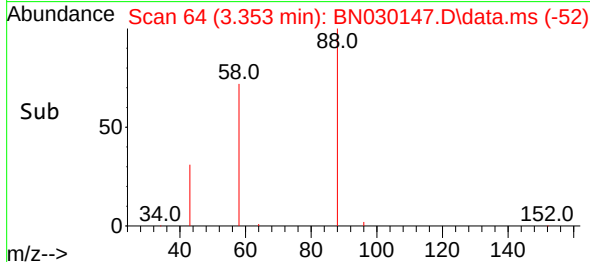
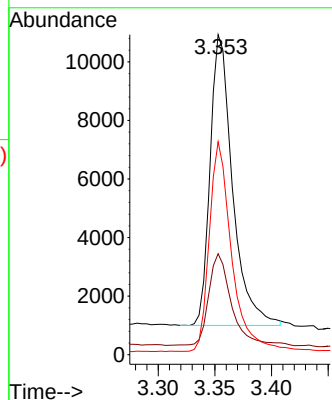
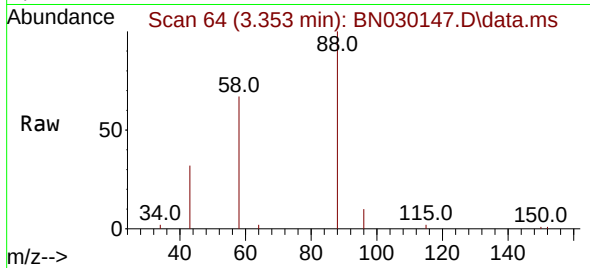




#2
 1,4-Dioxane
 Concen: 2.522 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN030147.D
 Acq: 29 Feb 2024 01:39

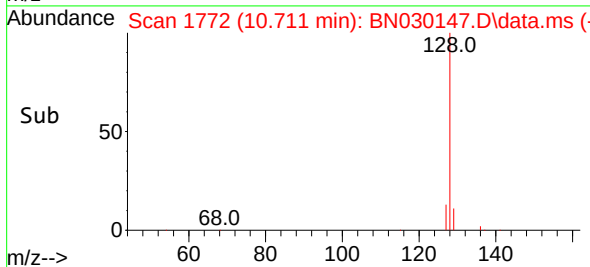
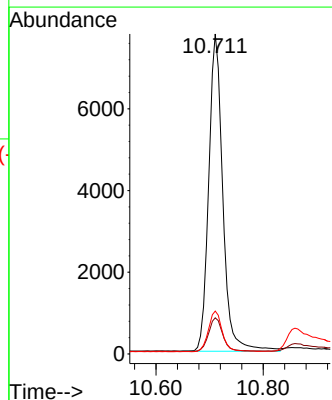
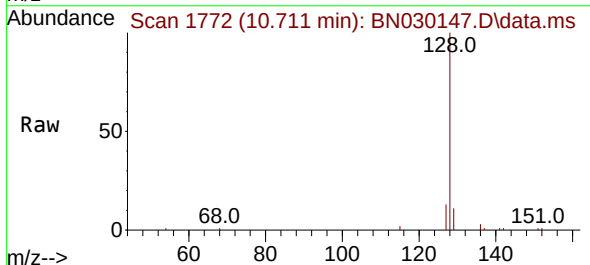
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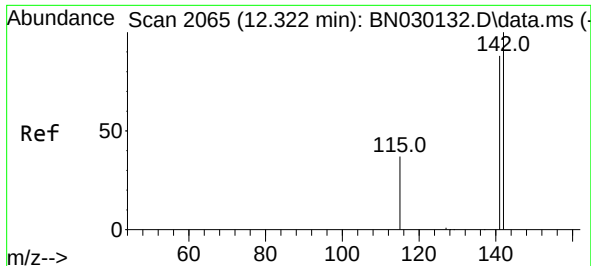
Tgt Ion: 88 Resp: 13658
 Ion Ratio Lower Upper
 88 100
 43 31.5 21.8 32.6
 58 66.5 39.3 58.9#



#5
 Naphthalene
 Concen: 0.428 ng/ul
 RT: 10.711 min Scan# 1772
 Delta R.T. 0.011 min
 Lab File: BN030147.D
 Acq: 29 Feb 2024 01:39

Tgt Ion: 128 Resp: 14168
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.1 13.7
 127 13.4 11.0 16.6

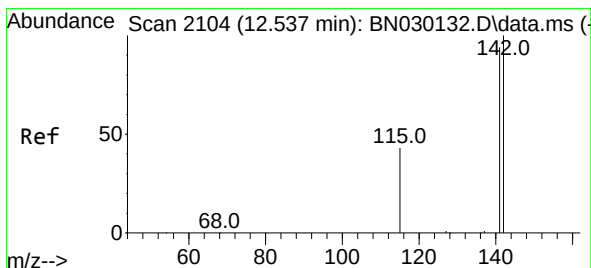
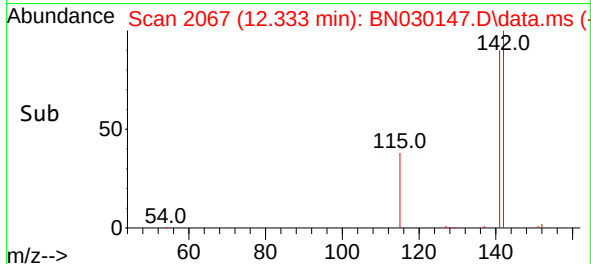
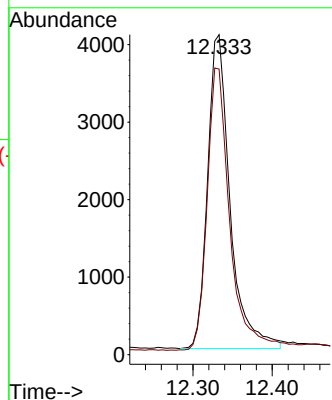
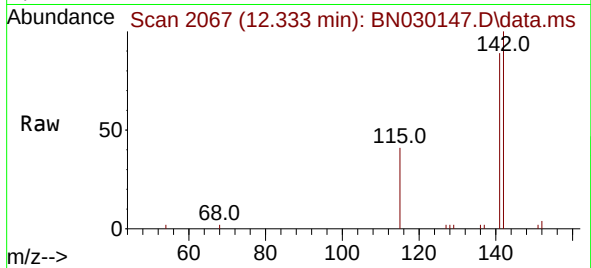




#7
2-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.017 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

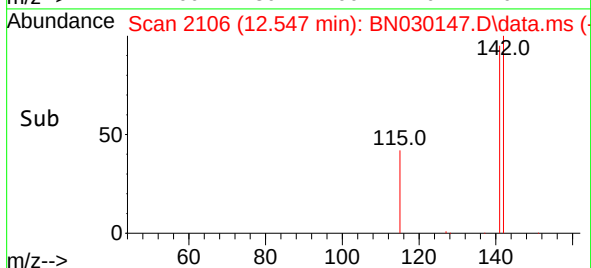
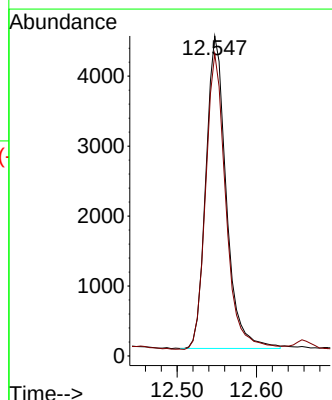
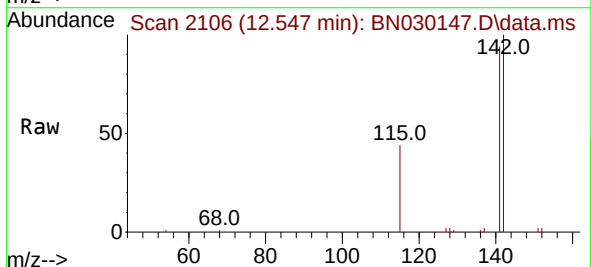
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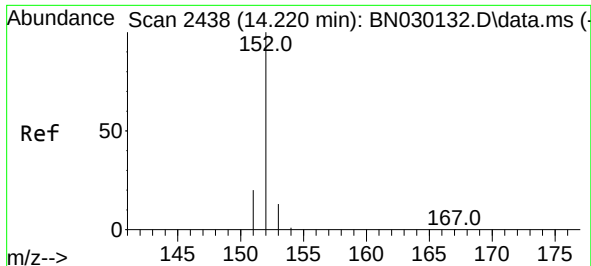
Tgt Ion:142 Resp: 7991
Ion Ratio Lower Upper
142 100
141 90.4 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.011 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

Tgt Ion:142 Resp: 7960
Ion Ratio Lower Upper
142 100
141 93.8 73.9 110.9

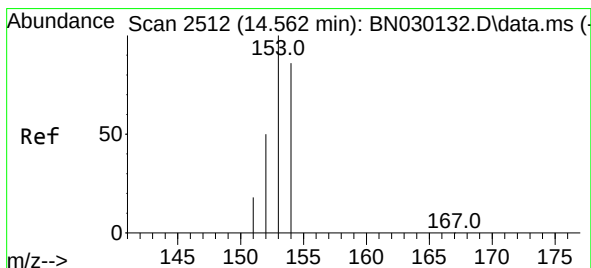
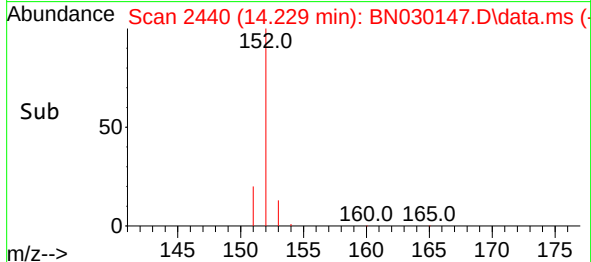
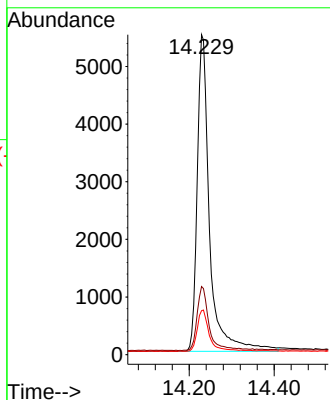
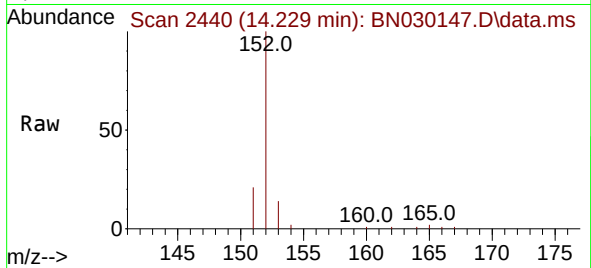




#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.229 min Scan# 2438
Delta R.T. 0.009 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

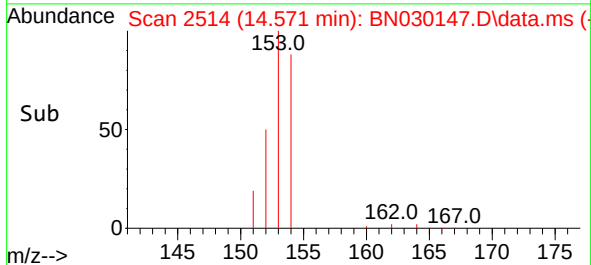
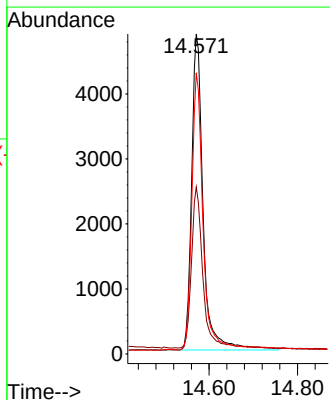
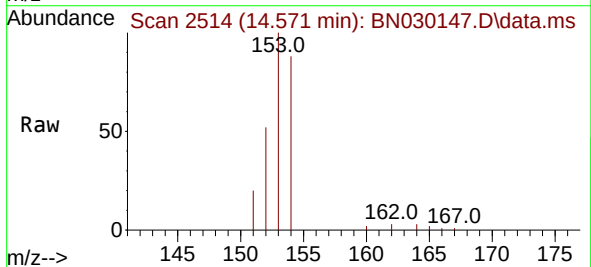
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ClientSampleId :
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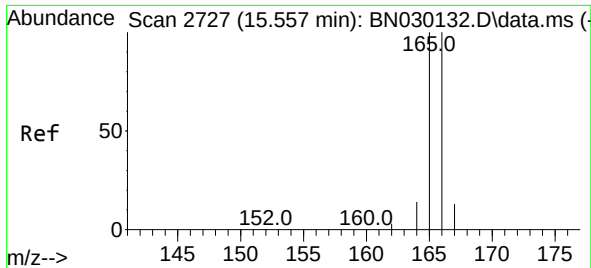
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.8
153	13.7	10.9	16.3



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. 0.009 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.2	41.5	62.3
154	87.8	70.9	106.3

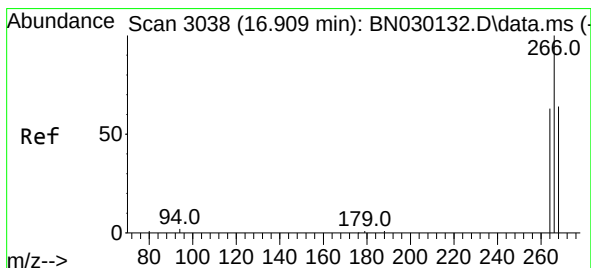
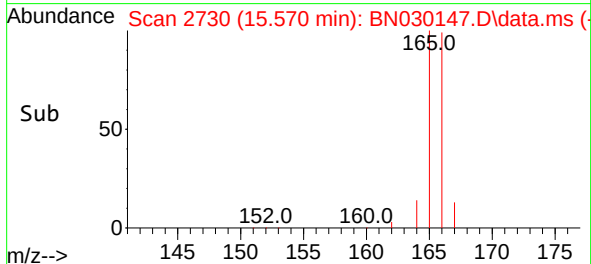
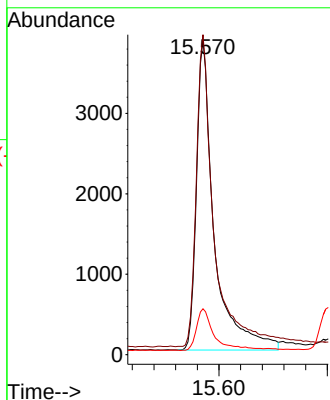
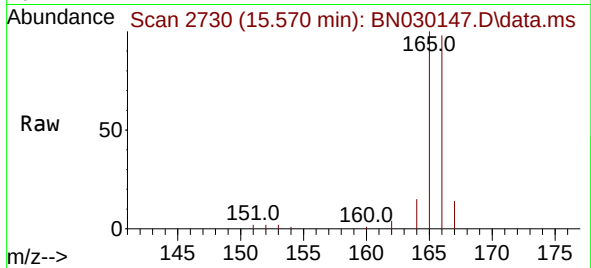




#12
 Fluorene
 Concen: 0.412 ng/ul
 RT: 15.570 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BN030147.D
 Acq: 29 Feb 2024 01:39

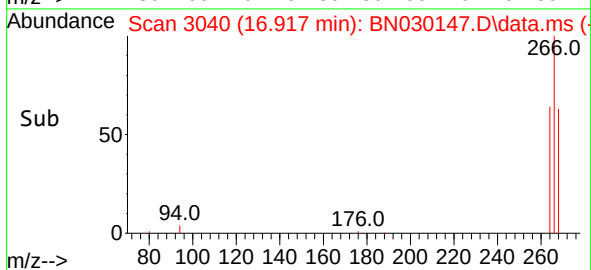
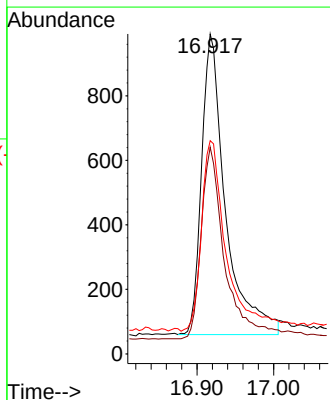
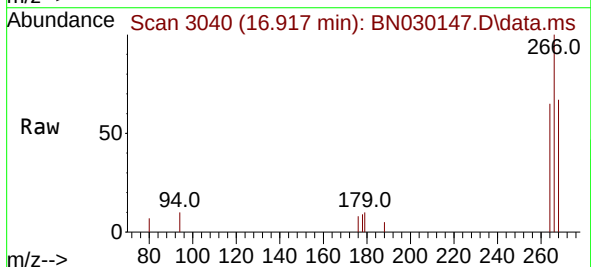
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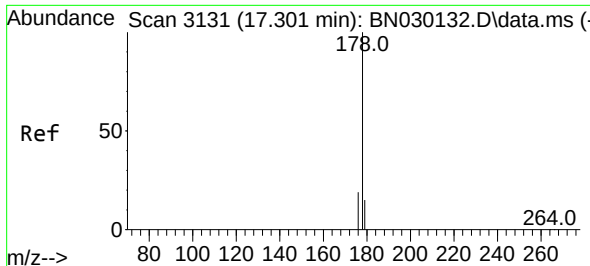
Tgt Ion:166 Resp: 8747
 Ion Ratio Lower Upper
 166 100
 165 101.8 78.6 117.8
 167 14.6 11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.993 ng/ul
 RT: 16.917 min Scan# 3040
 Delta R.T. 0.000 min
 Lab File: BN030147.D
 Acq: 29 Feb 2024 01:39

Tgt Ion:266 Resp: 2021
 Ion Ratio Lower Upper
 266 100
 264 62.9 0.0 0.0#
 268 66.1 0.2 0.2#

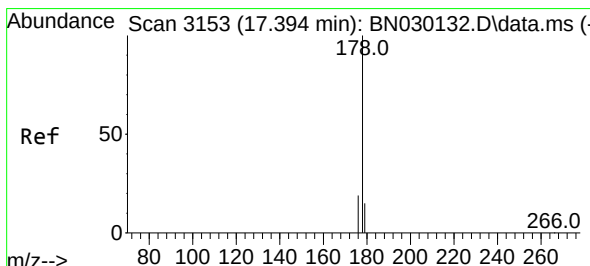
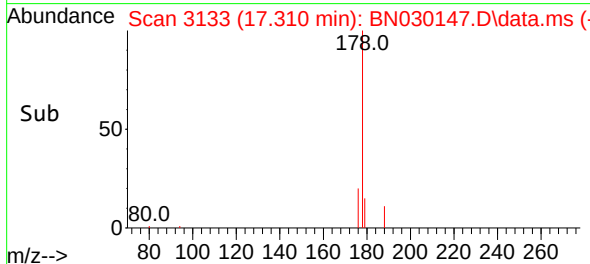
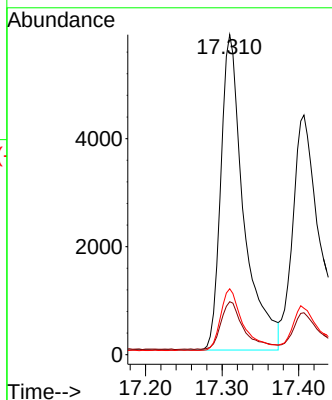
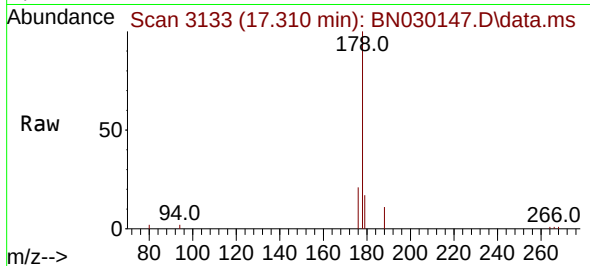




#15
Phenanthrene
Concen: 0.426 ng/ul
RT: 17.310 min Scan# 3131
Delta R.T. 0.009 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

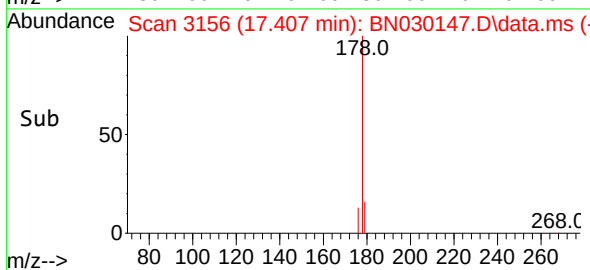
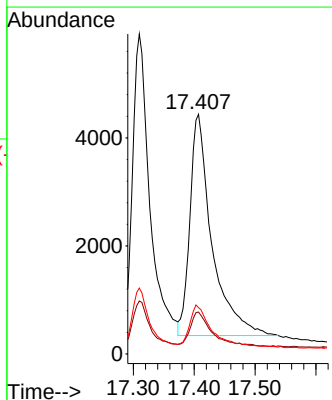
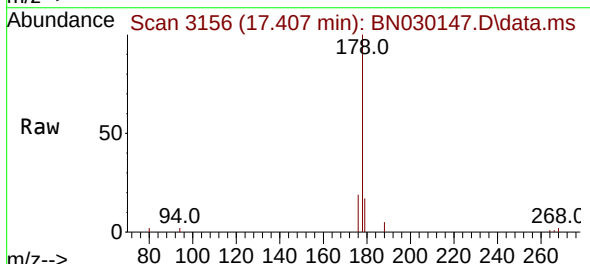
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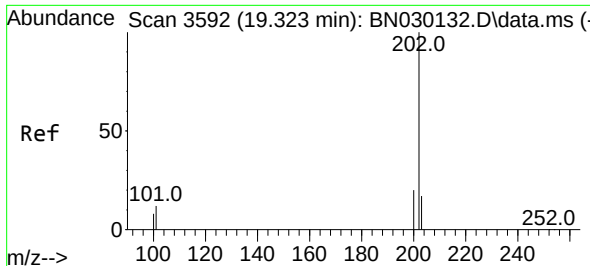
Tgt Ion:178 Resp: 12163
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 20.6 15.7 23.5



#16
Anthracene
Concen: 0.429 ng/ul
RT: 17.407 min Scan# 3156
Delta R.T. 0.009 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

Tgt Ion:178 Resp: 10297
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 19.4 15.8 23.8

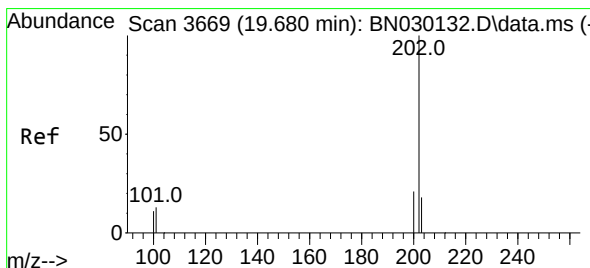
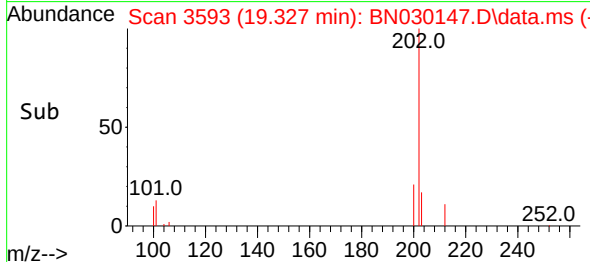
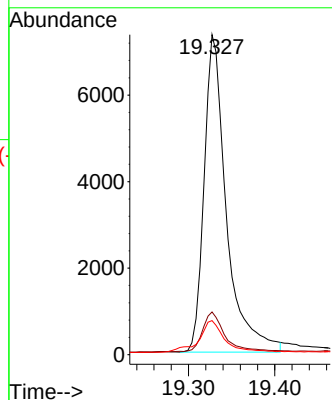
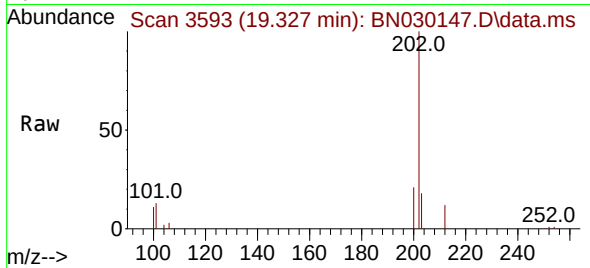




#19
Fluoranthene
Concen: 0.471 ng/u1
RT: 19.327 min Scan# 3592
Delta R.T. 0.005 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

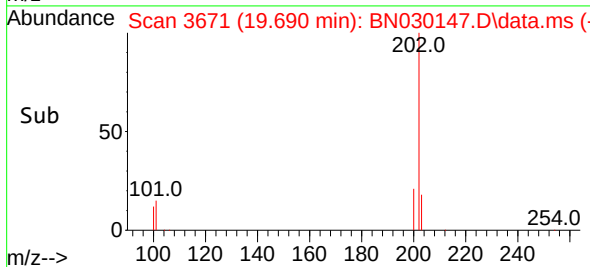
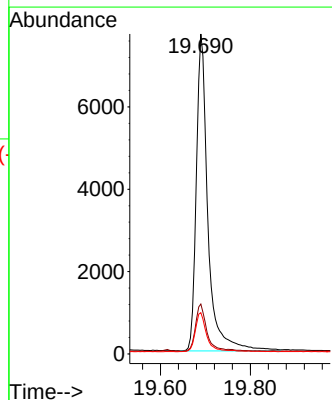
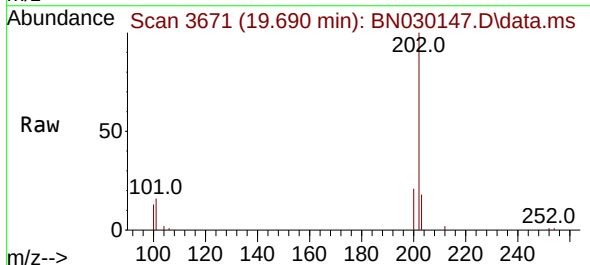
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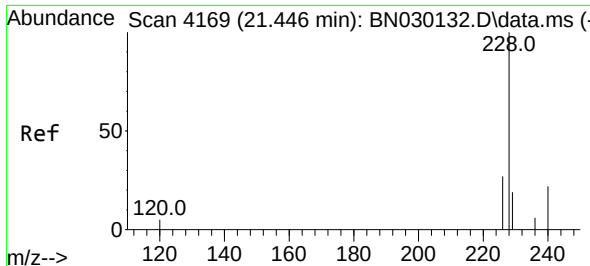
Tgt Ion:202 Resp: 13209
Ion Ratio Lower Upper
202 100
101 13.4 10.4 15.6
100 10.7 8.5 12.7



#20
Pyrene
Concen: 0.481 ng/u1
RT: 19.690 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

Tgt Ion:202 Resp: 13819
Ion Ratio Lower Upper
202 100
101 15.6 12.5 18.7
100 12.9 10.0 15.0

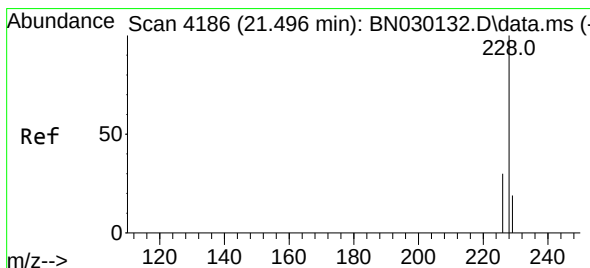
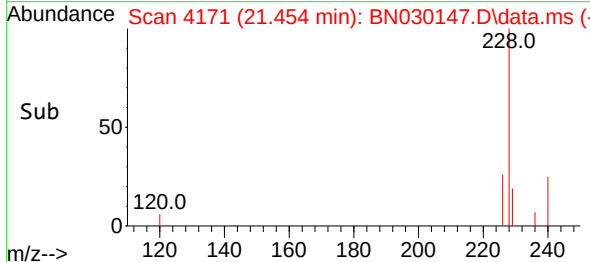
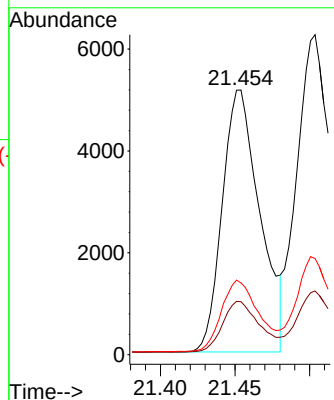
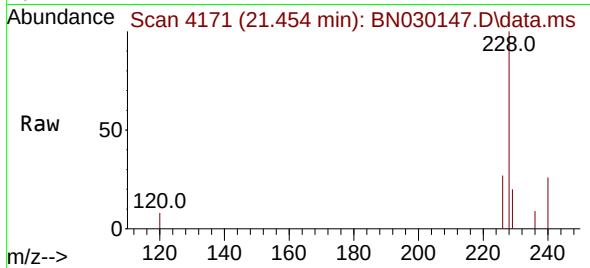




#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.454 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

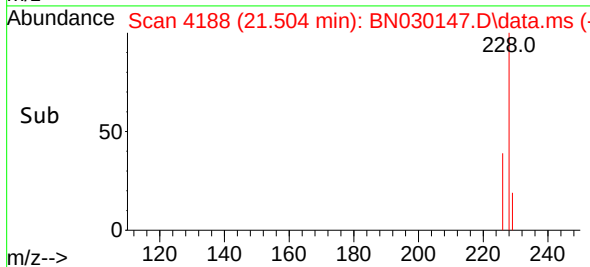
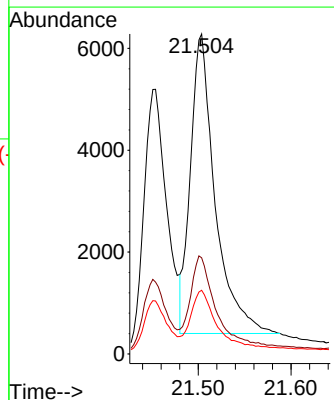
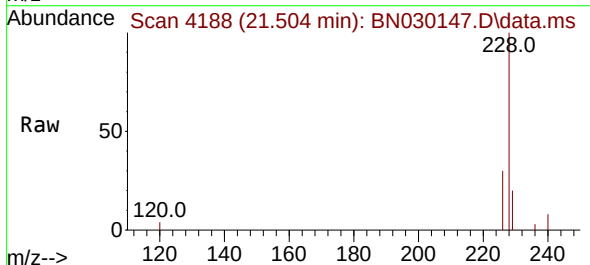
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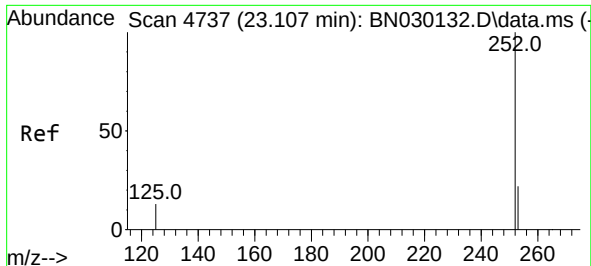
Tgt Ion:228 Resp: 9026
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.1 22.2 33.4



#22
Chrysene
Concen: 0.450 ng/ul
RT: 21.504 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

Tgt Ion:228 Resp: 10840
Ion Ratio Lower Upper
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226 30.0 24.2 36.2
229 19.9 15.7 23.5

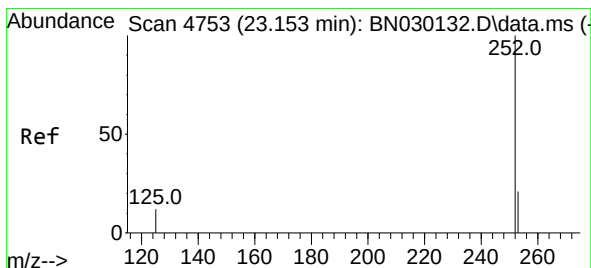
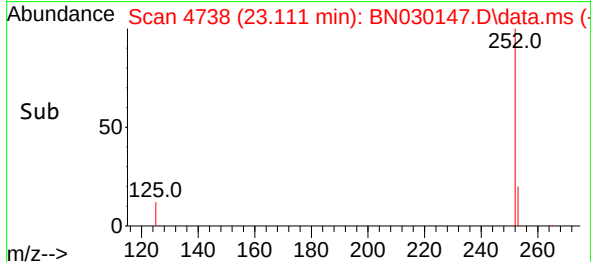
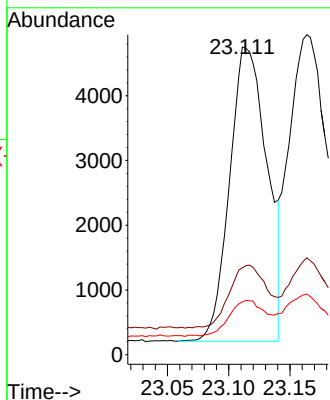
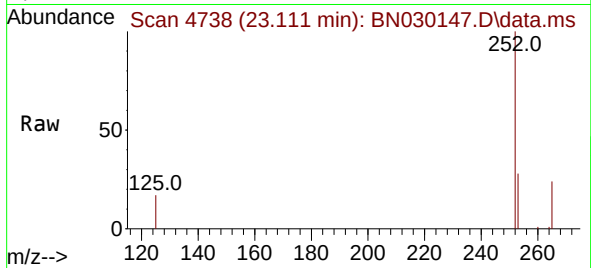




#24
Benzo(b)fluoranthene
Concen: 0.486 ng/ul
RT: 23.111 min Scan# 4738
Delta R.T. 0.003 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

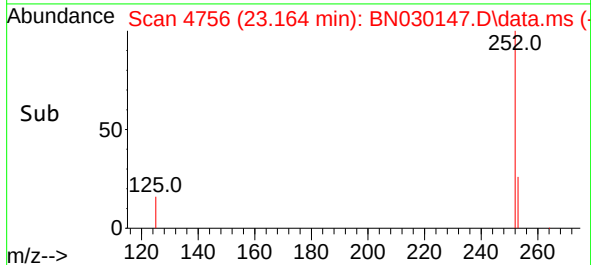
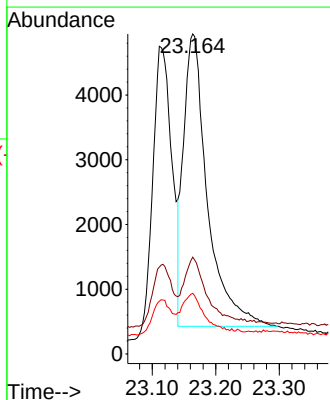
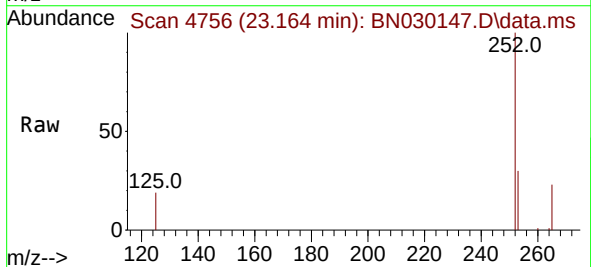
Instrument :
BNA_N
ClientSampleId :
SLCS153

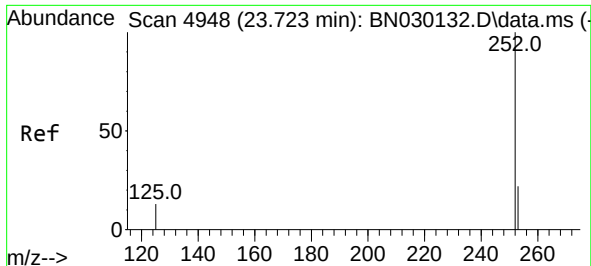
Tgt Ion:252	Resp:	9656
Ion Ratio	Lower	Upper
252	100	
253	28.3	0.0 56.8
125	17.2	0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.538 ng/ul
RT: 23.164 min Scan# 4756
Delta R.T. 0.009 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

Tgt Ion:252	Resp:	11849
Ion Ratio	Lower	Upper
252	100	
253	30.3	22.6 33.8
125	19.0	15.3 22.9

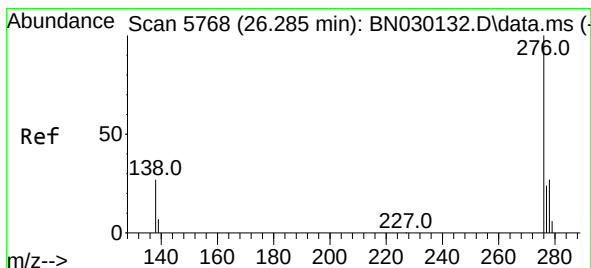
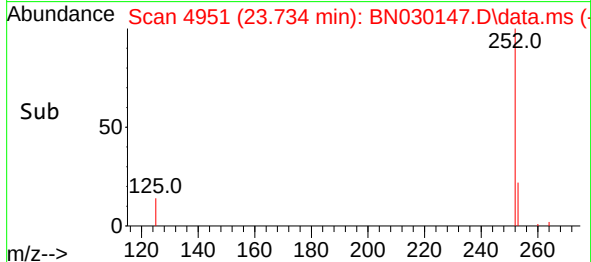
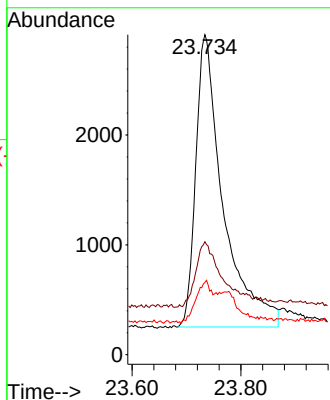
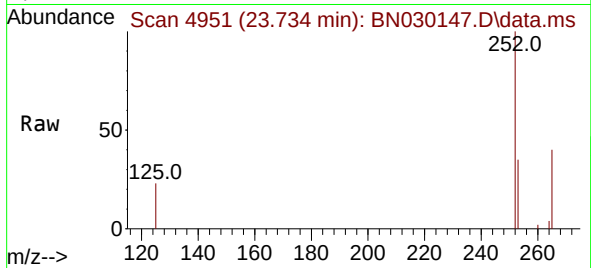




#26
Benzo(a)pyrene
Concen: 0.496 ng/ul
RT: 23.734 min Scan# 4948
Delta R.T. 0.009 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

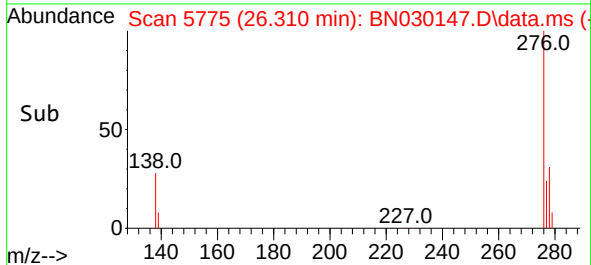
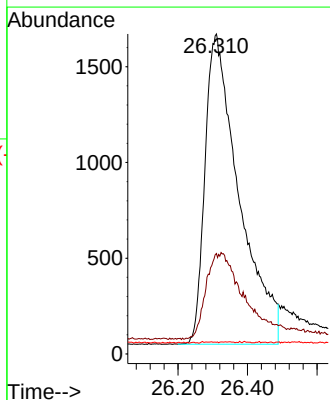
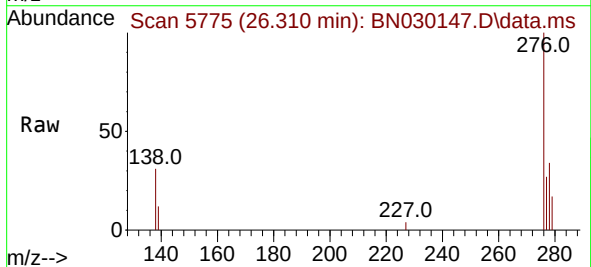
Instrument :
BNA_N
ClientSampleId :
SLCS153

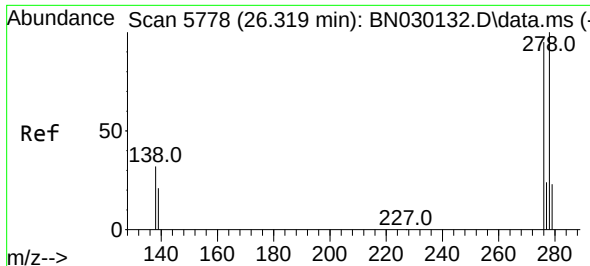
Tgt Ion:252 Resp: 9276
Ion Ratio Lower Upper
252 100
253 35.3 25.4 38.0
125 22.6 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.486 ng/ul
RT: 26.310 min Scan# 5775
Delta R.T. 0.017 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

Tgt Ion:276 Resp: 11014
Ion Ratio Lower Upper
276 100
138 30.9 0.0 0.0#
227 0.0 0.0 0.0

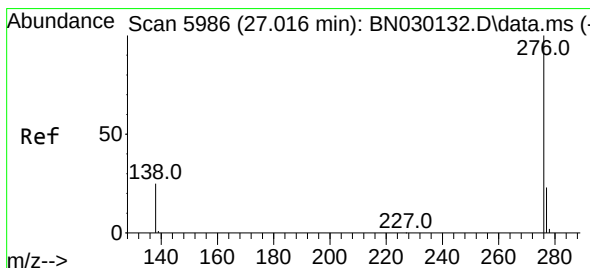
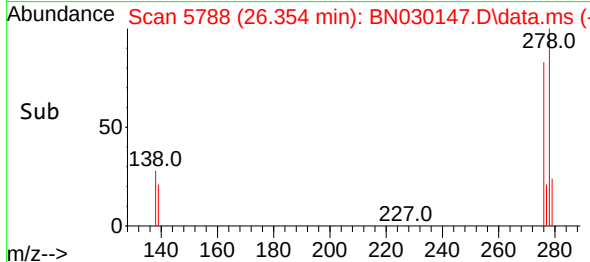
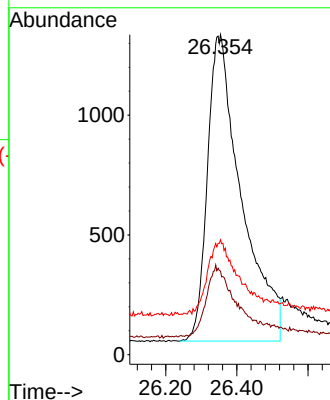
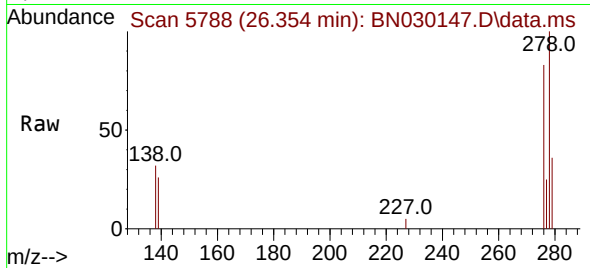




#28
Dibenzo(a,h)anthracene
Concen: 0.477 ng/ul
RT: 26.354 min Scan# 51
Delta R.T. 0.024 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS153

Tgt Ion:278 Resp: 8479
Ion Ratio Lower Upper
278 100
139 26.1 19.0 28.4
279 35.9 22.6 34.0#



#29
Benzo(g,h,i)perylene
Concen: 0.495 ng/ul
RT: 27.045 min Scan# 5994
Delta R.T. 0.027 min
Lab File: BN030147.D
Acq: 29 Feb 2024 01:39

Tgt Ion:276 Resp: 10189
Ion Ratio Lower Upper
276 100
138 27.9 24.6 37.0
277 26.0 19.7 29.5

