

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030244.D
 Acq On : 04 Mar 2024 07:24
 Operator : MA/JU
 Sample : PB159341BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS341

Quant Time: Mar 04 07:51:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

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

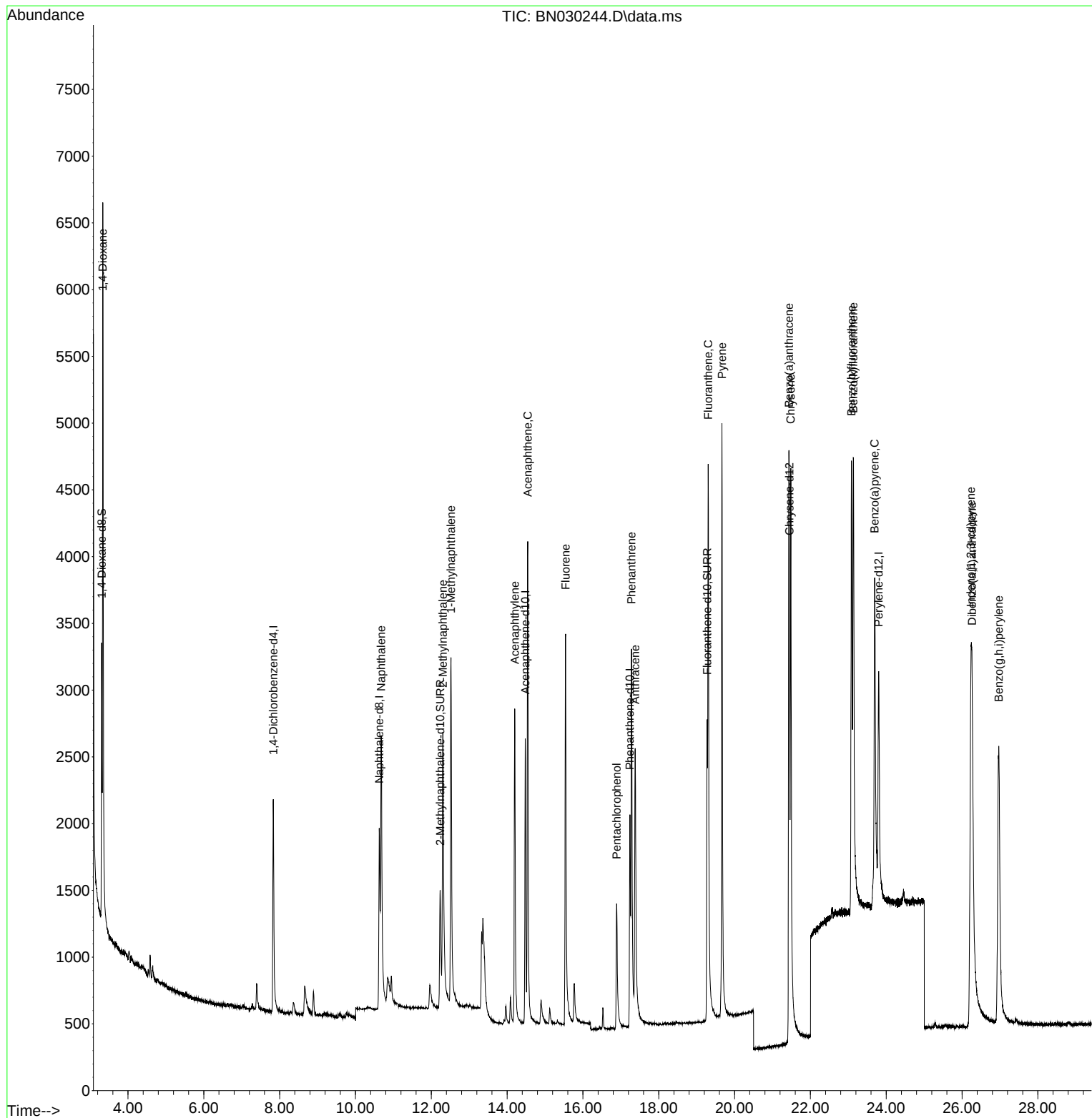
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1063	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	2961	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.479	164	1412	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.239	188	2609	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	2425	0.400	ng/ul	# 0.00
23) Perylene-d12	23.800	264	2809	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	1411	0.959	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1803	0.471	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	3545	0.449	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.336	88	3847	2.409	ng/ul#	86
5) Naphthalene	10.678	128	3947	0.452	ng/ul	98
7) 2-Methylnaphthalene	12.305	142	2164	0.457	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	2321	0.462	ng/ul	100
10) Acenaphthylene	14.201	152	3566	0.452	ng/ul	98
11) Acenaphthene	14.543	153	2587	0.446	ng/ul	98
12) Fluorene	15.543	166	2690	0.456	ng/ul	98
14) Pentachlorophenol	16.888	266	974	1.308	ng/ul	99
15) Phenanthrene	17.281	178	3916	0.448	ng/ul	100
16) Anthracene	17.378	178	3638	0.473	ng/ul	99
19) Fluoranthene	19.304	202	4699	0.436	ng/ul	97
20) Pyrene	19.667	202	5114	0.437	ng/ul	95
21) Benzo(a)anthracene	21.432	228	4177	0.487	ng/ul	98
22) Chrysene	21.482	228	4875	0.473	ng/ul	99
24) Benzo(b)fluoranthene	23.084	252	5066	0.468	ng/ul	94
25) Benzo(k)fluoranthene	23.133	252	5789	0.453	ng/ul#	93
26) Benzo(a)pyrene	23.695	252	5138	0.466	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.235	276	6659	0.473	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.262	278	5271	0.484	ng/ul	95
29) Benzo(g,h,i)perylene	26.970	276	5970	0.457	ng/ul	94

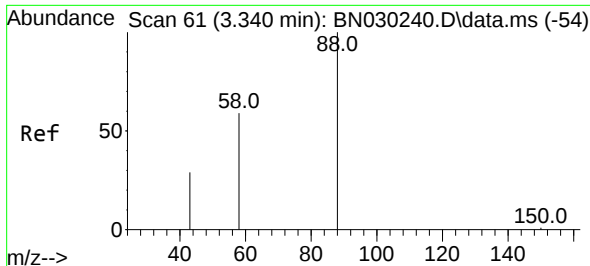
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
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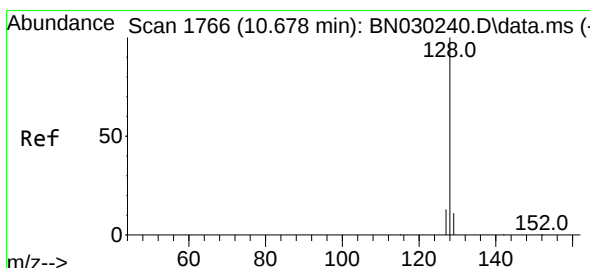
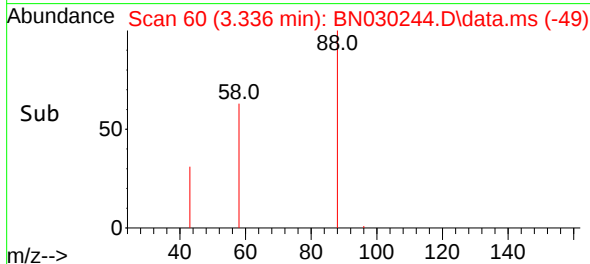
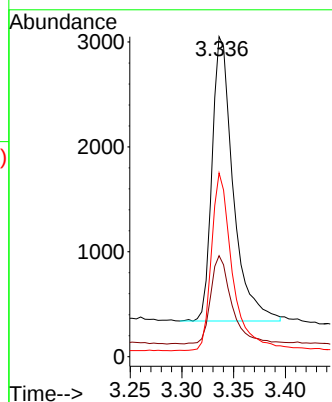
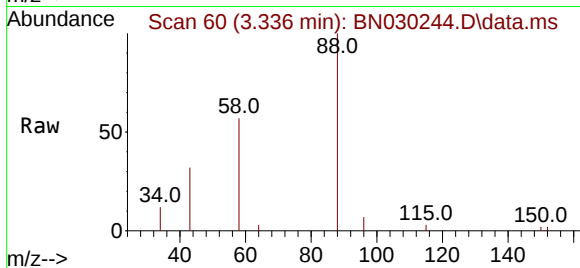




#2
 1,4-Dioxane
 Concen: 2.409 ng/ul
 RT: 3.336 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN030244.D
 Acq: 04 Mar 2024 07:24

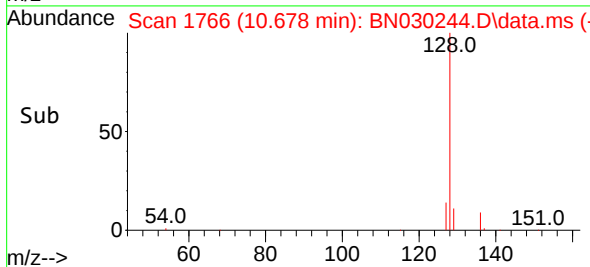
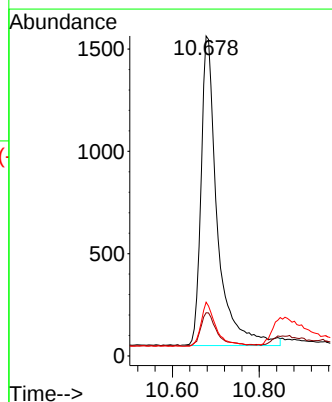
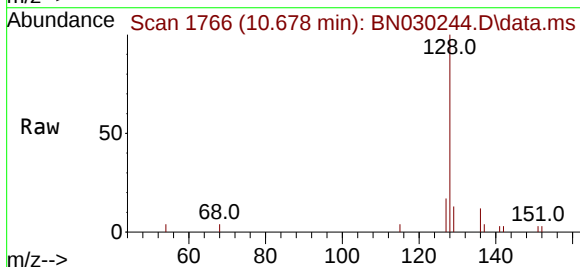
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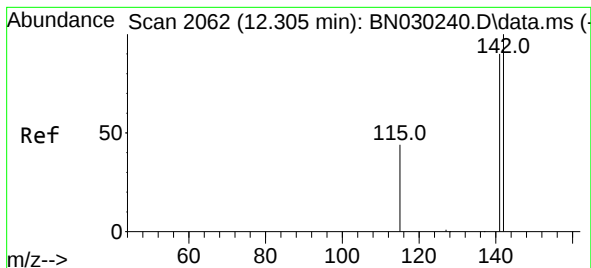
Tgt Ion: 88 Resp: 3847
 Ion Ratio Lower Upper
 88 100
 43 31.6 25.7 38.5
 58 57.4 33.8 50.8#



#5
 Naphthalene
 Concen: 0.452 ng/ul
 RT: 10.678 min Scan# 1766
 Delta R.T. -0.000 min
 Lab File: BN030244.D
 Acq: 04 Mar 2024 07:24

Tgt Ion: 128 Resp: 3947
 Ion Ratio Lower Upper
 128 100
 129 13.5 11.0 16.4
 127 16.8 12.3 18.5

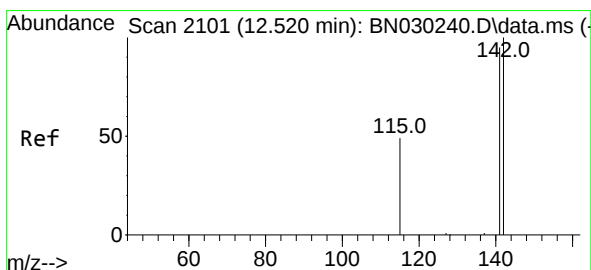
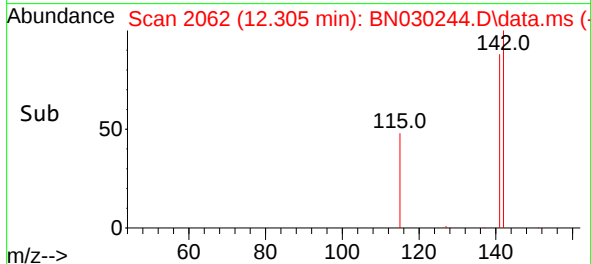
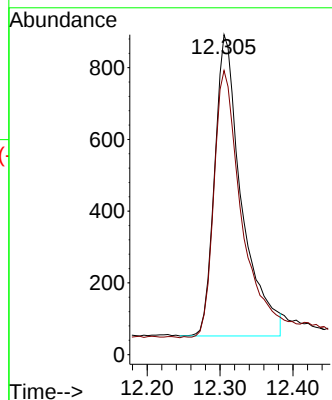
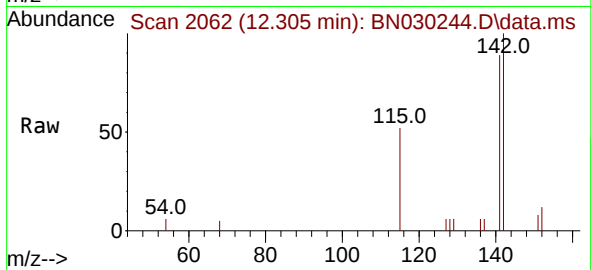




#7
2-Methylnaphthalene
Concen: 0.457 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BN030244.D
Acq: 04 Mar 2024 07:24

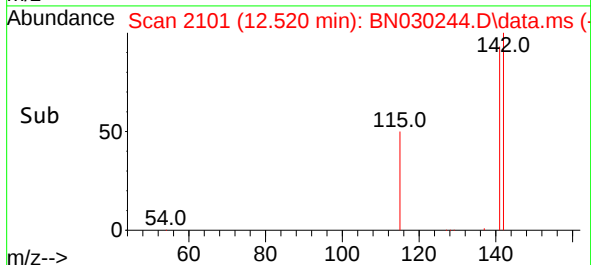
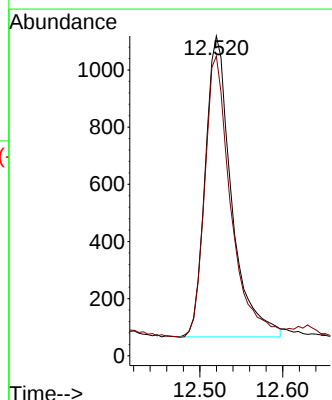
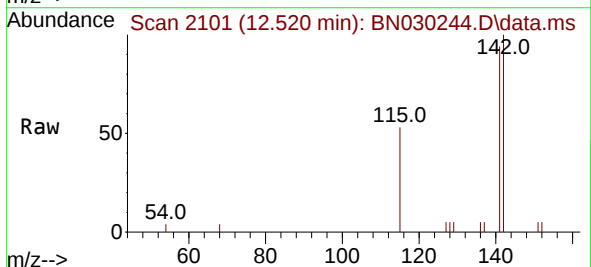
Instrument :
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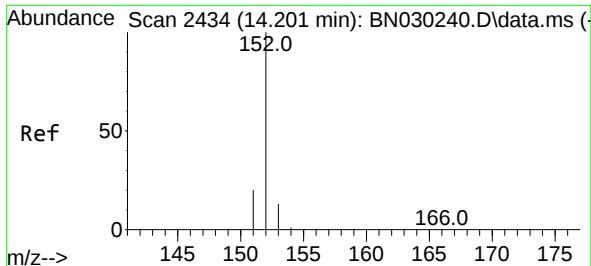
Tgt Ion:142 Resp: 2164
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.462 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BN030244.D
Acq: 04 Mar 2024 07:24

Tgt Ion:142 Resp: 2321
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.2

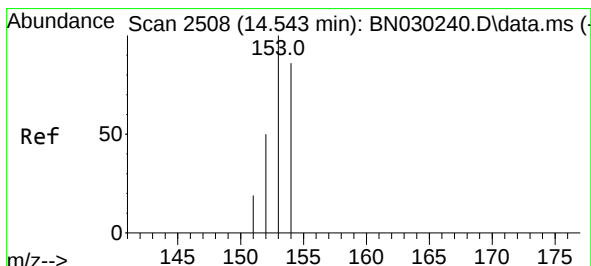
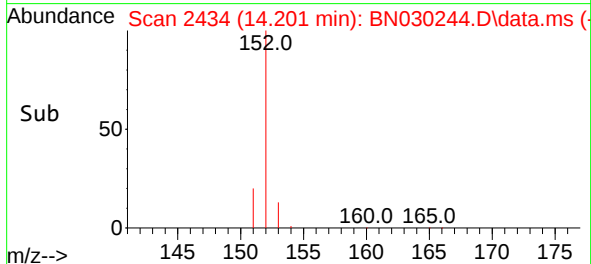
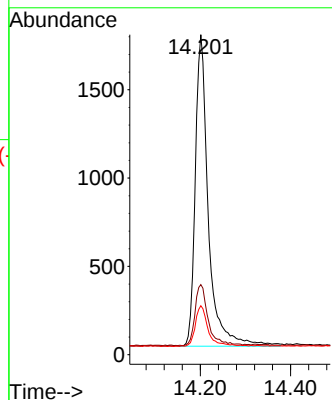
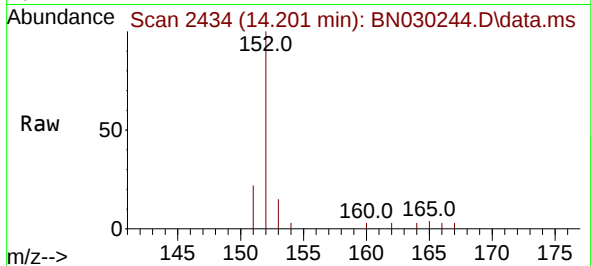




#10
Acenaphthylene
Concen: 0.452 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BN030244.D
Acq: 04 Mar 2024 07:24

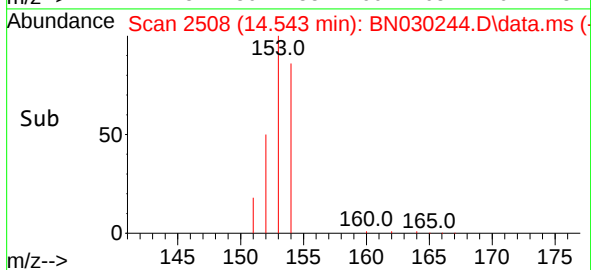
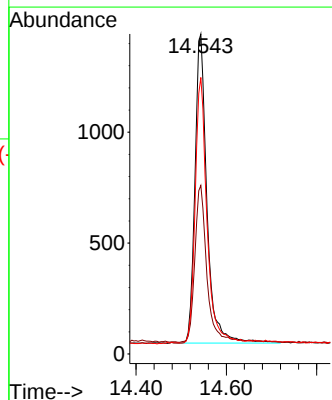
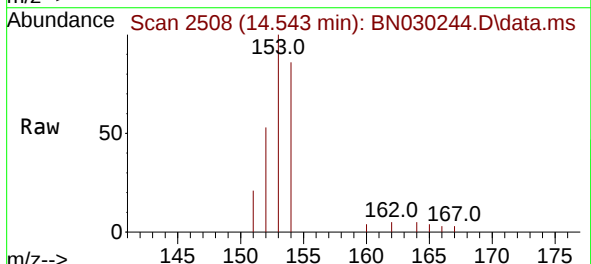
Instrument :
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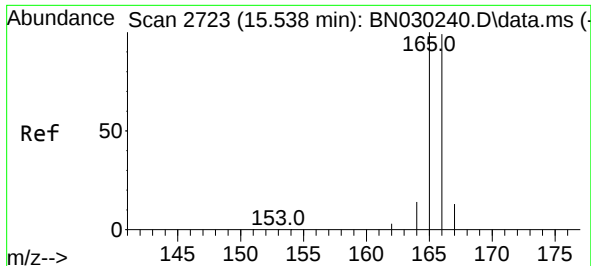
Tgt Ion:152 Resp: 3566
Ion Ratio Lower Upper
152 100
151 21.9 16.9 25.3
153 15.3 11.8 17.6



#11
Acenaphthene
Concen: 0.446 ng/ul
RT: 14.543 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BN030244.D
Acq: 04 Mar 2024 07:24

Tgt Ion:153 Resp: 2587
Ion Ratio Lower Upper
153 100
152 52.7 43.2 64.8
154 86.4 67.5 101.3

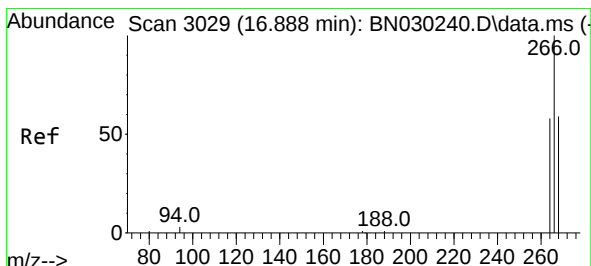
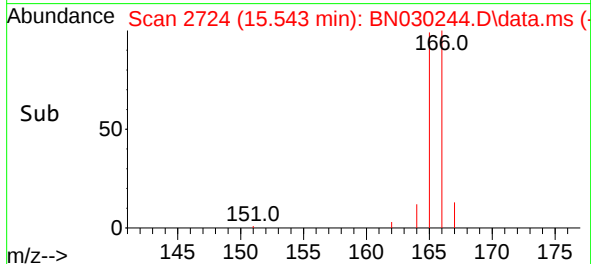
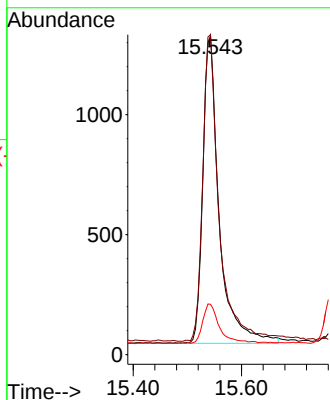
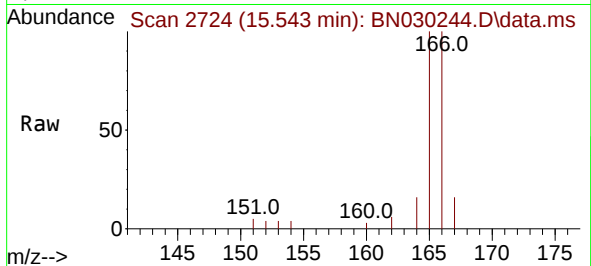




#12
 Fluorene
 Concen: 0.456 ng/ul
 RT: 15.543 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN030244.D
 Acq: 04 Mar 2024 07:24

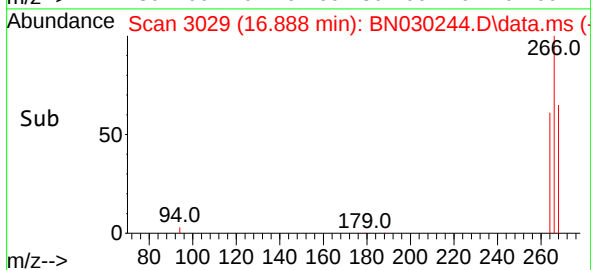
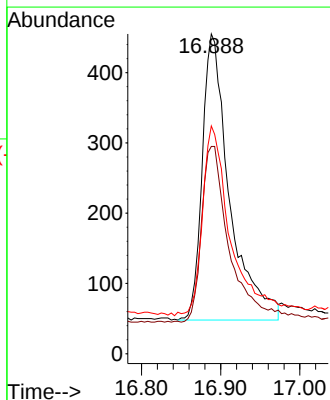
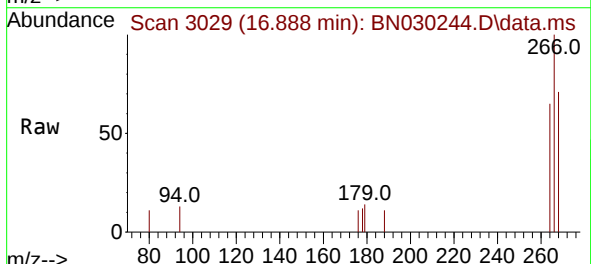
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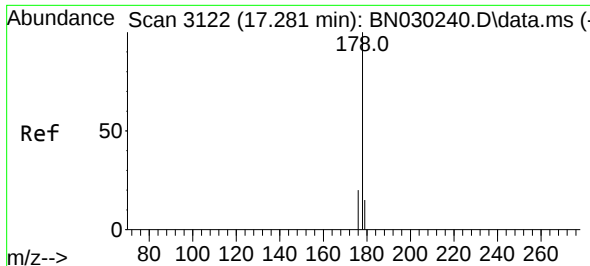
Tgt Ion:166 Resp: 2690
 Ion Ratio Lower Upper
 166 100
 165 100.2 81.8 122.6
 167 15.8 13.0 19.4



#14
 Pentachlorophenol
 Concen: 1.308 ng/ul
 RT: 16.888 min Scan# 3029
 Delta R.T. -0.000 min
 Lab File: BN030244.D
 Acq: 04 Mar 2024 07:24

Tgt Ion:266 Resp: 974
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.8 74.8
 268 67.6 53.4 80.2

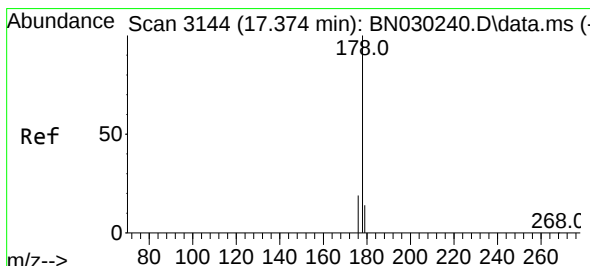
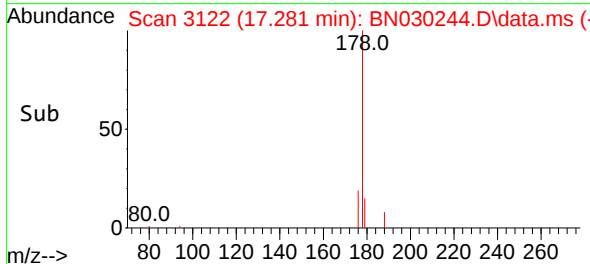
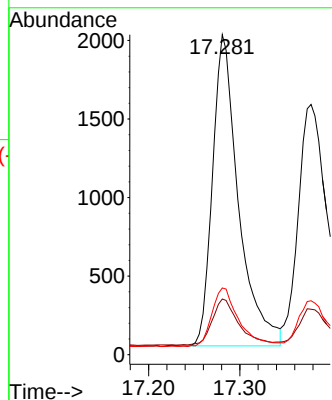
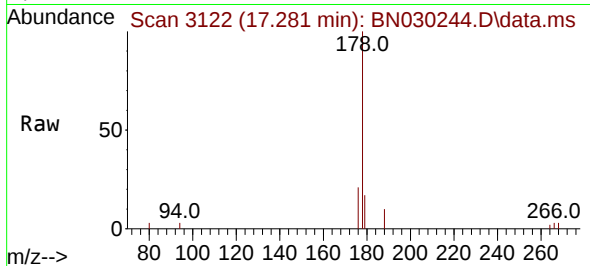




#15
Phenanthrene
Concen: 0.448 ng/ul
RT: 17.281 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN030244.D
Acq: 04 Mar 2024 07:24

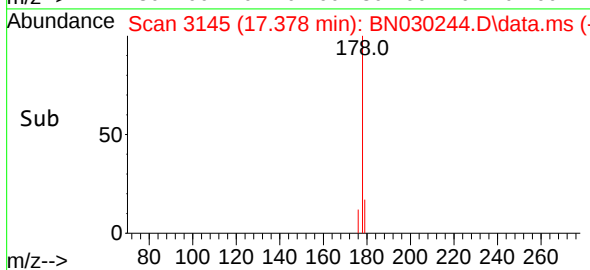
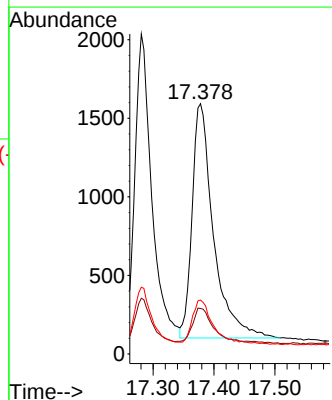
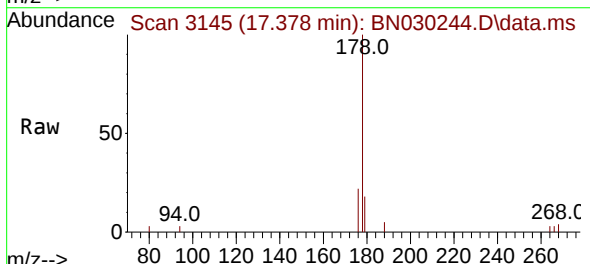
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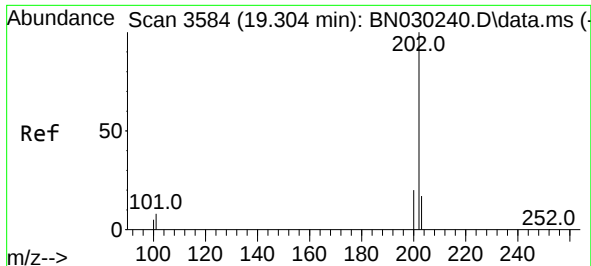
Tgt Ion:	178	Resp:	3916
Ion Ratio	Lower	Upper	
178	100		
179	17.4	13.8	20.8
176	20.9	16.6	25.0



#16
Anthracene
Concen: 0.473 ng/ul
RT: 17.378 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BN030244.D
Acq: 04 Mar 2024 07:24

Tgt Ion:	178	Resp:	3638
Ion Ratio	Lower	Upper	
178	100		
179	18.1	14.8	22.2
176	21.5	17.8	26.6

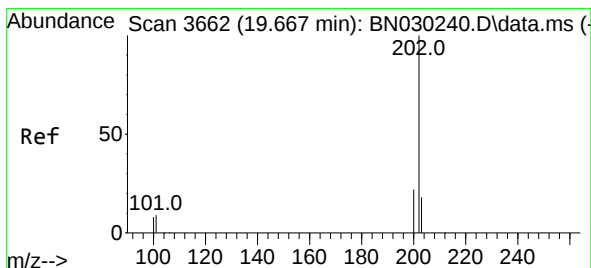
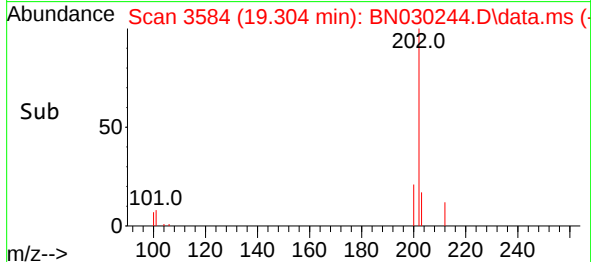
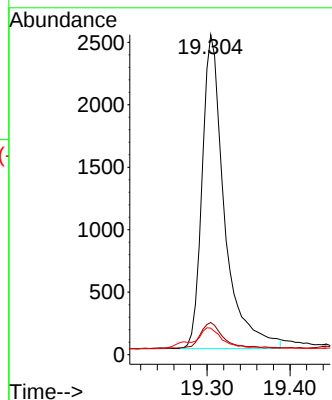
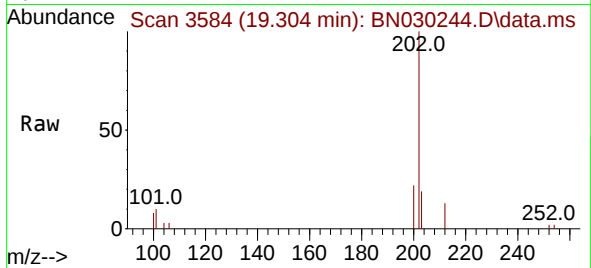




#19
Fluoranthene
Concen: 0.436 ng/ul
RT: 19.304 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BN030244.D
Acq: 04 Mar 2024 07:24

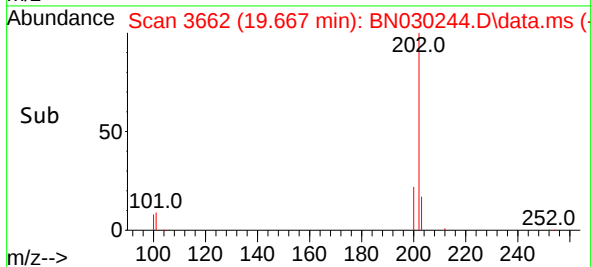
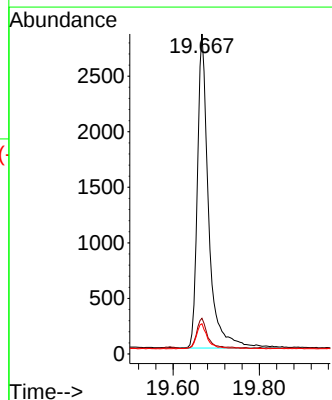
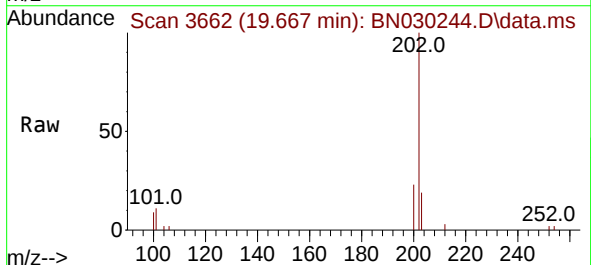
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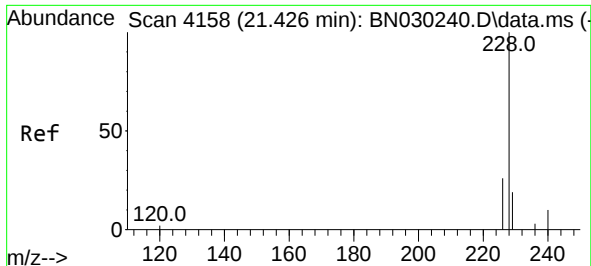
Tgt Ion:	202	Resp:	4699
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.8	13.2
100	8.3	7.4	11.2



#20
Pyrene
Concen: 0.437 ng/ul
RT: 19.667 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BN030244.D
Acq: 04 Mar 2024 07:24

Tgt Ion:	202	Resp:	5114
Ion Ratio	Lower	Upper	
202	100		
101	11.2	10.6	15.8
100	9.4	8.8	13.2

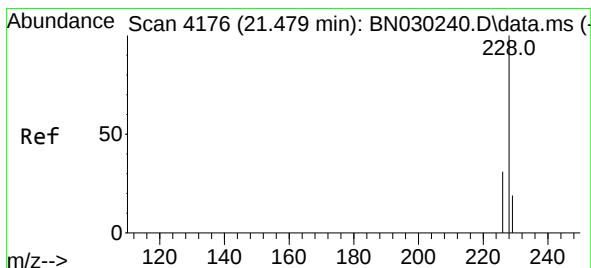
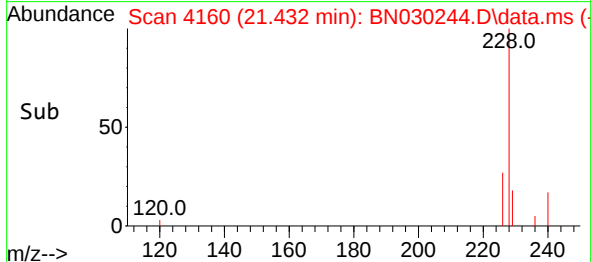
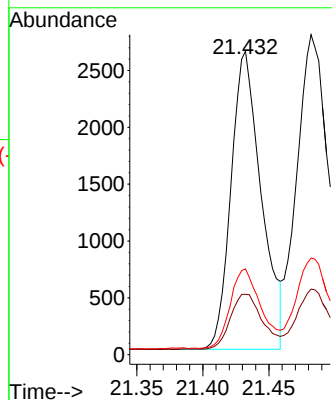
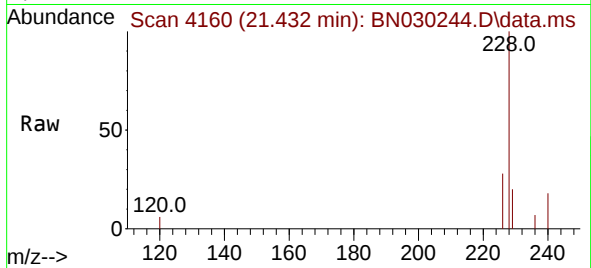




#21
Benzo(a)anthracene
Concen: 0.487 ng/ul
RT: 21.432 min Scan# 4177
Delta R.T. 0.006 min
Lab File: BN030244.D
Acq: 04 Mar 2024 07:24

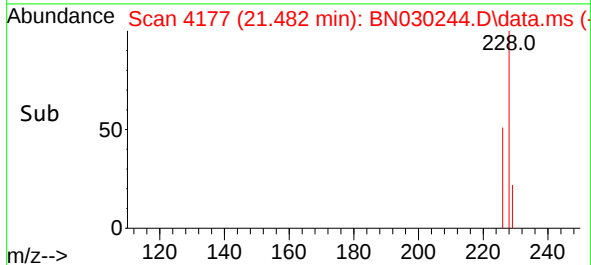
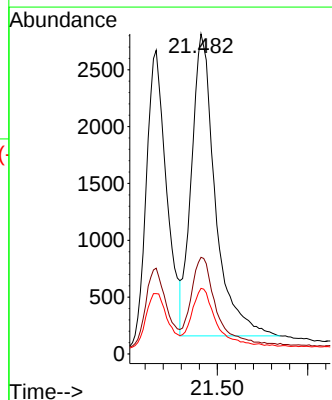
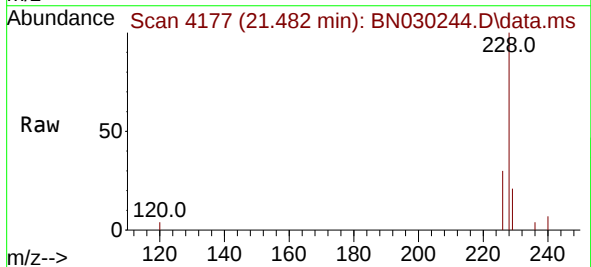
Instrument :
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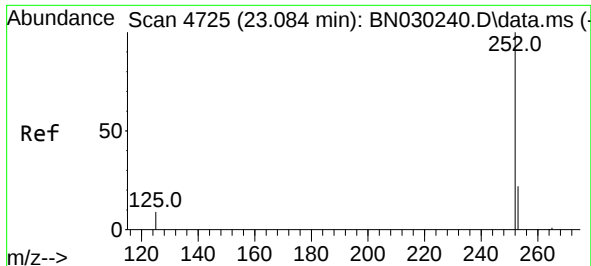
Tgt Ion:228 Resp: 4177
Ion Ratio Lower Upper
228 100
229 19.9 16.6 24.8
226 28.3 23.7 35.5



#22
Chrysene
Concen: 0.473 ng/ul
RT: 21.482 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN030244.D
Acq: 04 Mar 2024 07:24

Tgt Ion:228 Resp: 4875
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 20.5 16.6 24.8





#24

Benzo(b)fluoranthene

Concen: 0.468 ng/ul

RT: 23.084 min Scan# 4725

Delta R.T. -0.000 min

Lab File: BN030244.D

Acq: 04 Mar 2024 07:24

Instrument :

BNA_N

ClientSampleId :

SLCS341

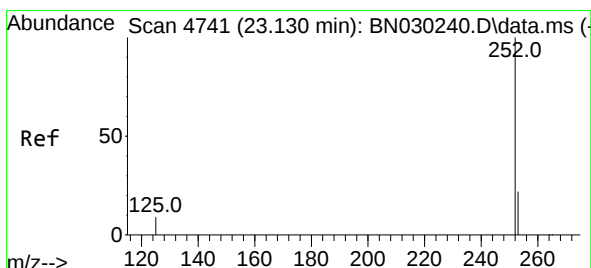
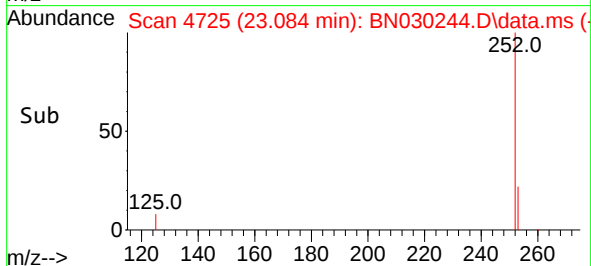
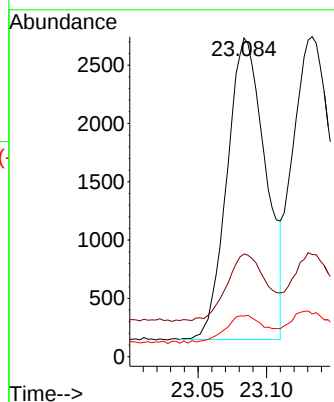
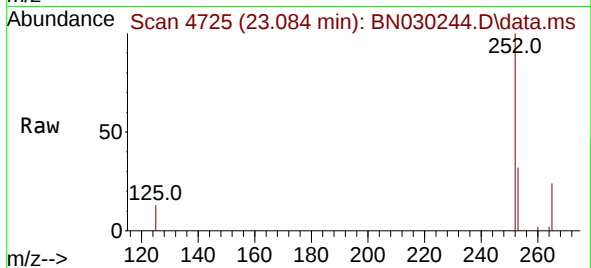
Tgt Ion:252 Resp: 5066

Ion Ratio Lower Upper

252 100

253 32.2 0.0 69.4

125 12.8 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.453 ng/ul

RT: 23.133 min Scan# 4742

Delta R.T. 0.003 min

Lab File: BN030244.D

Acq: 04 Mar 2024 07:24

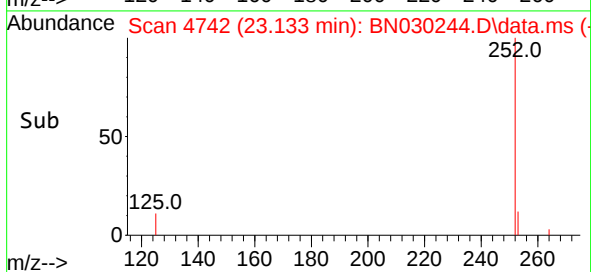
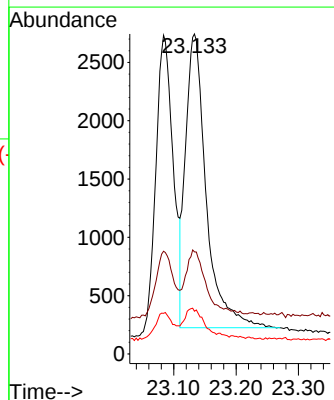
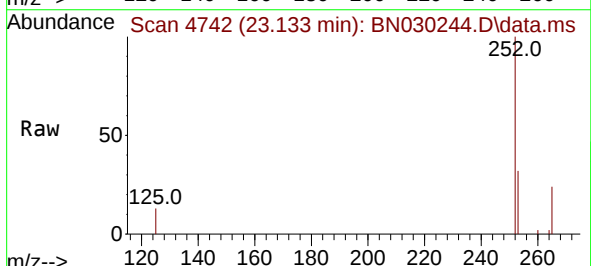
Tgt Ion:252 Resp: 5789

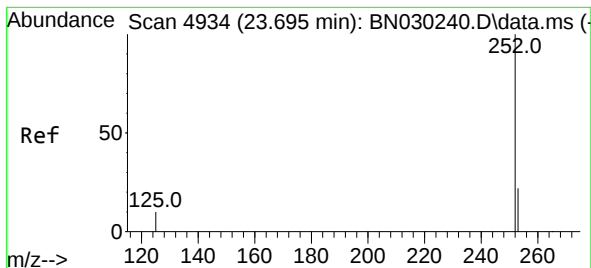
Ion Ratio Lower Upper

252 100

253 31.9 28.0 42.0

125 13.4 14.4 21.6#





#26

Benzo(a)pyrene

Concen: 0.466 ng/ul

RT: 23.695 min Scan# 4934

Delta R.T. -0.000 min

Lab File: BN030244.D

Acq: 04 Mar 2024 07:24

Instrument :

BNA_N

ClientSampleId :

SLCS341

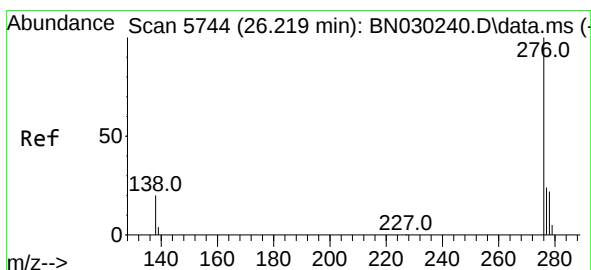
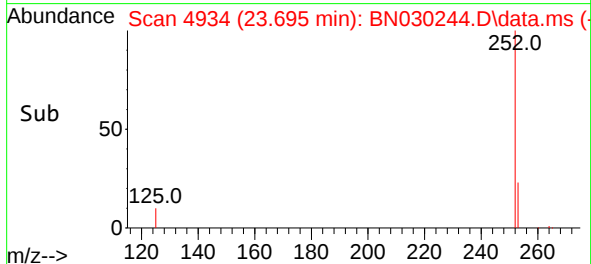
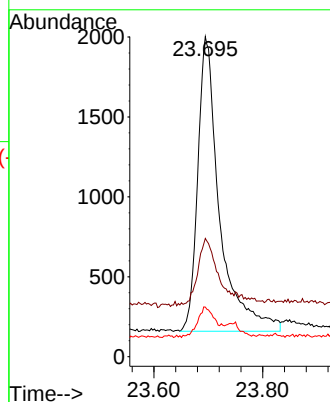
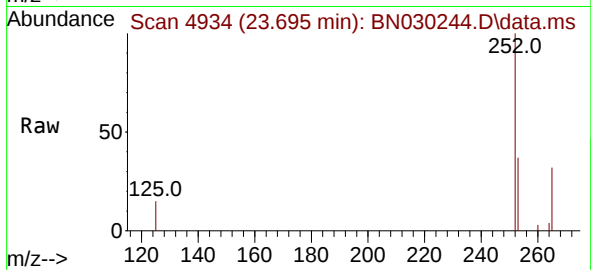
Tgt Ion:252 Resp: 5138

Ion Ratio Lower Upper

252 100

253 37.0 33.0 49.4

125 15.5 16.9 25.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.473 ng/ul

RT: 26.235 min Scan# 5749

Delta R.T. 0.017 min

Lab File: BN030244.D

Acq: 04 Mar 2024 07:24

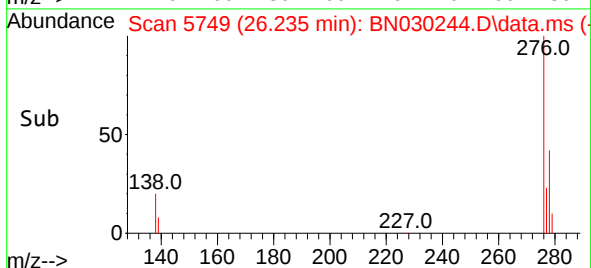
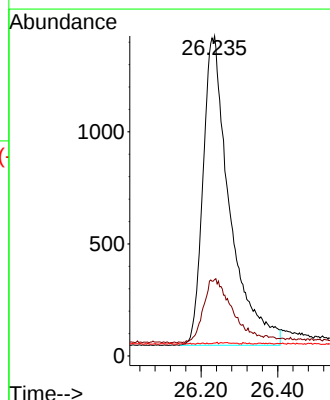
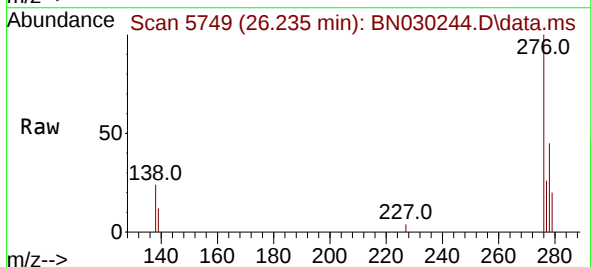
Tgt Ion:276 Resp: 6659

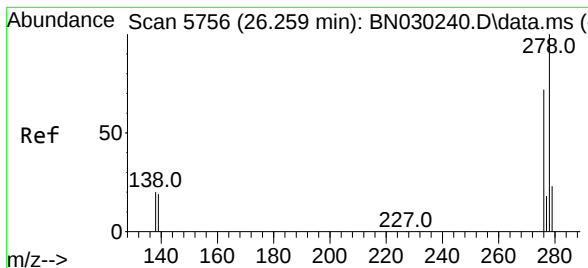
Ion Ratio Lower Upper

276 100

138 22.4 20.9 31.3

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.484 ng/ul

RT: 26.262 min Scan# 51

Delta R.T. 0.003 min

Lab File: BN030244.D

Acq: 04 Mar 2024 07:24

Instrument :

BNA_N

ClientSampleId :

SLCS341

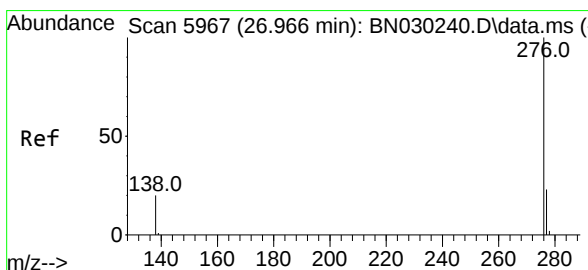
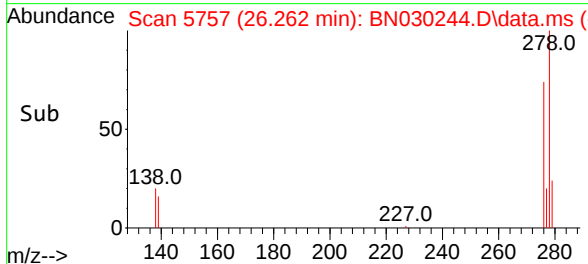
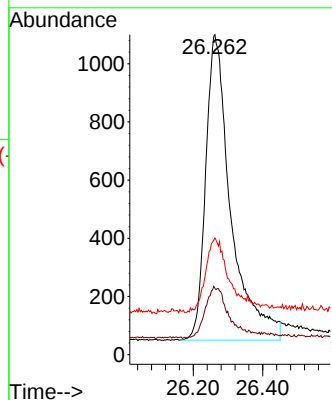
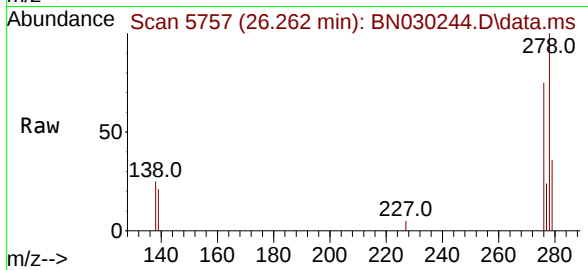
Tgt Ion:278 Resp: 5271

Ion Ratio Lower Upper

278 100

139 20.7 18.9 28.3

279 36.5 31.8 47.6



#29

Benzo(g,h,i)perylene

Concen: 0.457 ng/ul

RT: 26.970 min Scan# 5968

Delta R.T. 0.003 min

Lab File: BN030244.D

Acq: 04 Mar 2024 07:24

Tgt Ion:276 Resp: 5970

Ion Ratio Lower Upper

276 100

138 22.8 22.6 33.8

277 27.7 21.9 32.9

